



**HUGHES & KIMBER,**

LIMITED



WEST HARDING STREET, FETTER LANE

**LONDON.**

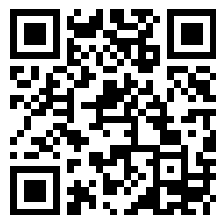
CONTRACTORS TO HER MAJESTY'S GOVERNMENT.

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ROTTERDAM



HUGHES & KIMBER,  
LIMITED.

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*Catalogue*  
OF  
MACHINERY & MATERIALS  
FOR  
*Letterpress, Lithographic & Copperplate*  
PRINTERS  
AND  
BOOKBINDERS,

Established



1820.

CONTRACTORS TO HER MAJESTY'S GOVERNMENT.

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WEST HARDING STREET, FETTER LANE.  
LONDON, E.C.



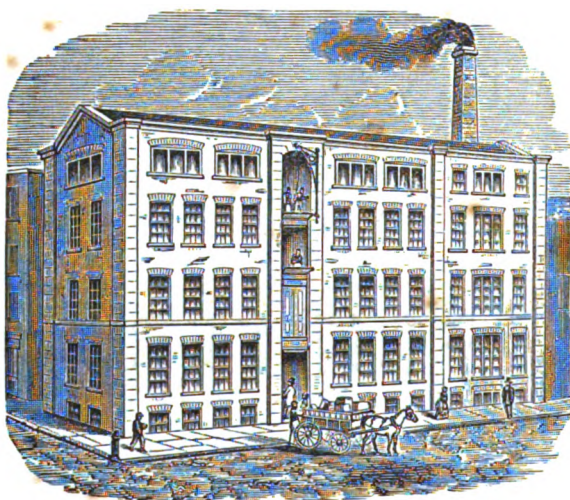
LONDON. 1851.



LONDON 1862.



DUBLIN. 1865.



*Hughes & Kimber's London Manufactory :*  
WEST HARDING STREET, FETTER LANE, E.C.



PARIS. 1867.



VIENNA. 1873.



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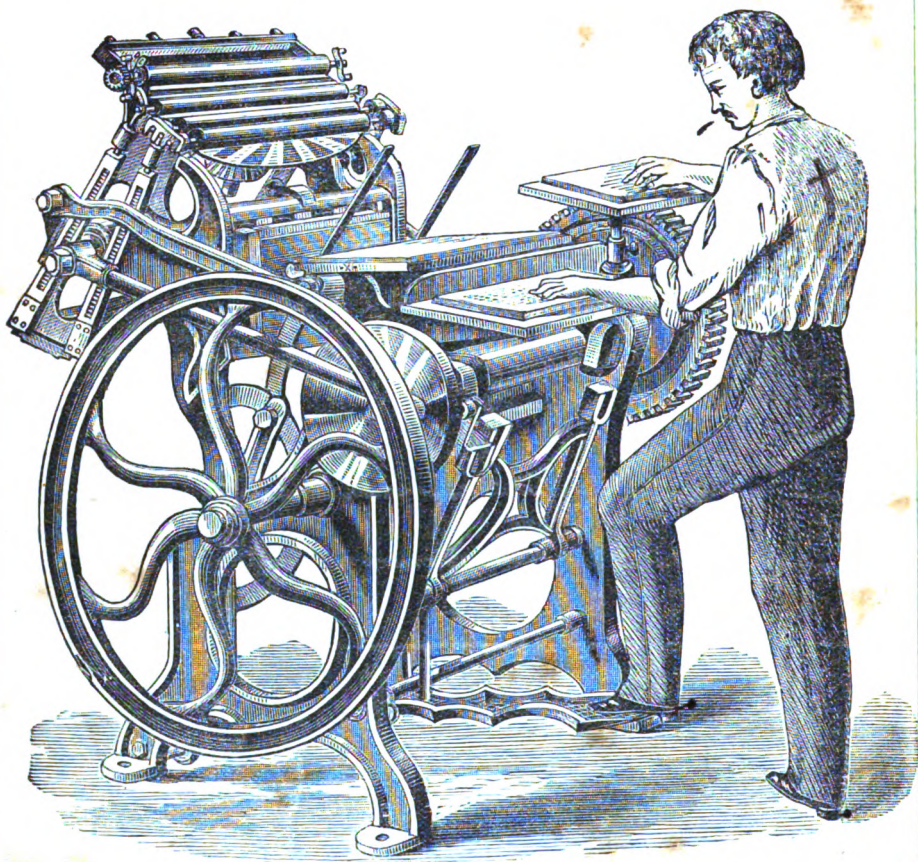
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HUGHES & KIMBER, LIMITED, LONDON.

*Minerva*  
HUGHES & KIMBER'S

IMPROVED PLATEN PRINTING MACHINE

*For Treadle or Steam Power.*



This Machine is well adapted for printing Cards, Envelopes, Circulars, Bill-heads, &c.  
at a speed of 1000 to 2000 per hour.

	INCHES.		£	s.	d.		£	s.	d.
Octavo.....	7 × 11	inside chase,	40	0	0	; with ink duct	43	0	0
Foolscap Folio	9 × 13	..	45	0	0	..	48	0	0
Crown Folio ...	10 × 15½	..	55	0	0	..	58	0	0
Large post Folio	11 × 17	..	65	0	0	..	68	0	0
Demy Folio ...	13 × 19	..	75	0	0	..	78	0	0

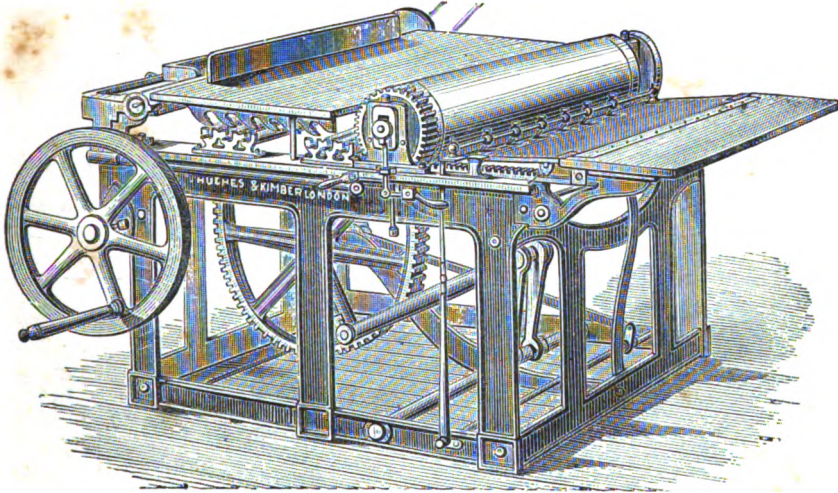
*If arranged for Steam Power, £2 extra.*

£ 5 16  
 £ 5 16  
 £ 6 9 6  
 £ 9 16



## HUGHES & KIMBER'S IMPROVED PARAGON PRINTING MACHINE,

*For Hand or Steam Power.*



This Machine is intended to suit the requirements of a Printing Office in all its various changes of work. In construction it is strong and substantial, and every part is carefully and accurately fitted and finished. The Machine will print from 1,000 to 1,500 per hour.

The Travel of the Table is obtained by a Crank Arm connected with the Driving Wheel, thus giving to it a certain and uniform motion, without jerk or unsteadiness in the return.

The Cylinder stands still while the "layer-on" places the sheet to the Guides, and the Grippers lay hold of it before the Cylinder is put in motion, thus securing each sheet with certainty in its position until carried to the Forme.

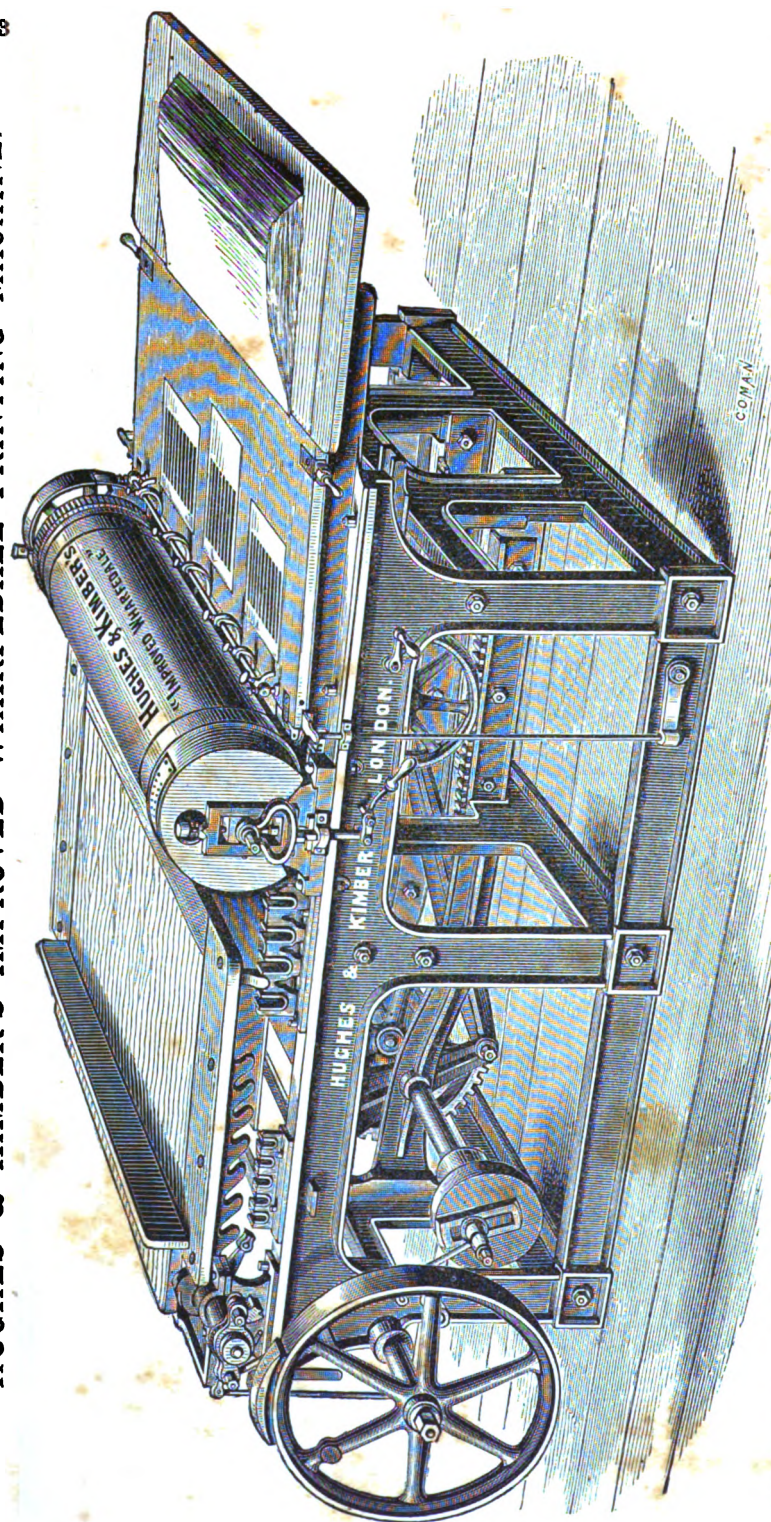
The Inking Apparatus is complete in its arrangement; and a better Distribution of the Ink can be effected by this Machine than by any other. When necessary to apply a large quantity of Ink to a heavy Forme, the Cylinder is made to stand, by a simple and instantaneous movement, and put in motion again whilst the Table is travelling and the Inking Apparatus in action, thus enabling the Printer to regulate the quantity of Ink to the demand.

SIZE.	TO PRINT A SHEET.	SPACE BETWEEN BEARERS.	SPACE OCCUPIED.		PRICE.		
	INCHES.	INCHES.	FT. IN.	FT. IN.	£	s.	d.
HALF-SHEET DEMY...	18 × 12	21½	5	4 × 3	8	55	0 0
CROWN ... ..	20 × 15	23½	6	0 × 4	0	66	0 0

If fitted for Treadle Motion £5 extra.

# HUGHES & KIMBER'S IMPROVED WHARFEDALE PRINTING MACHINE.

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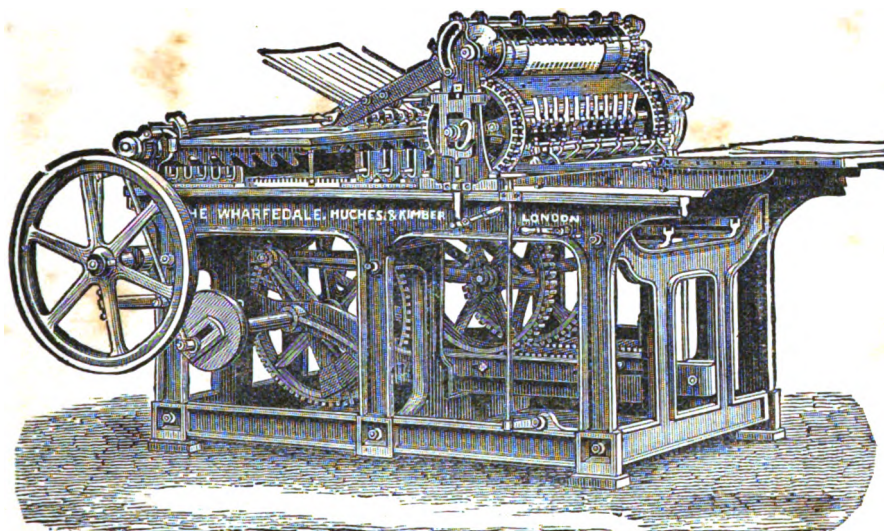


SIZE.	TO PRINT A SHEET INCHES.	SPACE BETWEEN BEARERS, INCHES.	SPACE OCCUPIED,		PRICE. £ s. d.
			FT. IN.	FT. IN.	
Crown ... ..	21 x 16	24½	6 0	x 4 0	86 0 0
Demy ... ..	24 x 18	28	8 2	x 4 9	110 0 0
Royal ... ..	26 x 20½	30	8 6	x 4 11	126 0 0
Double Crown ... ..	30 x 20	34	8 8	x 5 2	144 0 0
Double Demy ... ..	36 x 24	40	10 0	x 6 0	168 0 0
Double Royal ... ..	42 x 29	46	10 6	x 6 7	204 0 0
News ... ..	48 x 36	52	11 0	x 7 6	270 0 0



## HUGHES & KIMBER'S IMPROVED WHARFEDALE PRINTING MACHINE,

*With Flyers for Self-Delivery of Sheet.*



The above shows the Wharfedale Machine with the addition of newly invented Flyers for taking off the printed sheets by means of Grippers on the Upper Cylinder.

These Flyers are extremely simple in construction, and considerable economy of time and labour may be effected by their aid. They possess the following advantages:—

- 1.—There are no tapes round the Cylinder, thus removing the old obstacle in Flyer Machines for Jobbing purposes.
- 2.—Any size sheet below full size, or any kind of forme, can with equal facility be worked on the machine without alteration of any kind.
- 3.—These are the only Flyers in use which really give the operator free access to the whole of the Cylinder, while making ready; by one simple movement of the hand, the Cylinder is left entirely clear.
- 4.—Formes and Rollers are accessible as in a Machine without Flyers, thus dispensing with the removal of taking-off board—an admirable facility deficient in some other Machines.
- 5.—These Flyers will deliver 500 sheets without removal or stoppage, printed-side upwards, as straight as they could be laid by hand, and without smearing the work.
- 6.—The Flyers can, at will, be thrown out of gear in a moment and the machine used as an ordinary machine without flyers.

SIZE.	TO PRINT A SHEET.	PRICE.		
		£	s.	d.
CROWN ... ..	INCHES. 21 × 16	95	0	0
DEMY ... ..	24 × 18	125	0	0
ROYAL ... ..	26 × 20½	138	0	0
DOUBLE CROWN ...	30 × 20	159	0	0
DOUBLE DEMY ...	36 × 24	183	0	0
DOUBLE ROYAL ...	42 × 29	222	0	0
NEWS ... ..	48 × 36	288	0	0

## HUGHES & KIMBER'S IMPROVED WHARFEDALE COLOUR PRINTING MACHINE,

*With Double Inking and Pointing Apparatus.*

This Machine is similar in general construction to the ordinary Wharfedale Machine, but by means of additional distributing power, is rendered more suitable for Colour, Block and Heavy Work, where more even and perfect distribution is required than in ordinary Printing. An iron revolving cylinder and roller partly distribute the ink before it is received on the inking table for the ordinary distributing rollers.

SIZE.	TO PRINT A SHEET.	WITHOUT FLYERS.			WITH FLYERS.		
	INCHES.	£	s.	d.	£	s.	d.
DEMY ... ..	24 × 18	147	0	0	167	0	0
DOUBLE CROWN ... ..	30 × 20	168	0	0	192	0	0
DOUBLE DEMY ... ..	36 × 24	192	0	0	217	0	0
DOUBLE ROYAL ... ..	42 × 29	240	0	0	265	0	0

Larger sizes to order.

## THE WHARFEDALE CYLINDER PRINTING MACHINES

Are now so well known, and their excellence so extensively admitted amongst practical Printers, that further description is unnecessary, all who have purchased them agreeing that their

EXCELLENCE OF WORKMANSHIP,  
EASE AND REGULARITY OF TRAVEL,  
EXACT REGISTER, AND  
PERFECT DISTRIBUTION,

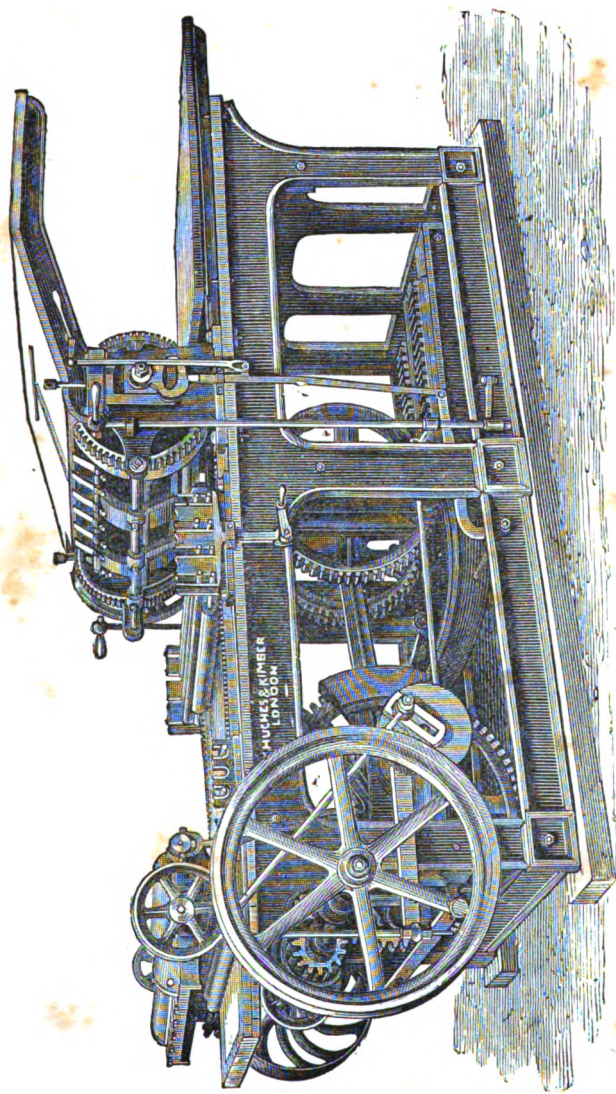
place them in the first rank of Printing Machinery.

They are in daily use by the undermentioned Firms:—

J. M. KRONHEIM & Co., London ...	12	J. BARNES, Manchester ... ..	2
GRANT & Co., London ... ..	13	ALISON BROTHERS, Hull ... ..	4
LE BLOND & Co., London ... ..	6	FRASER & WHITE, Liverpool ...	2
W. H. SMITH & SON, London ...	7	A. GOATER, Nottingham ... ..	12
J. & W. RIDER, London ... ..	2	T. NELSON & SONS, Edinburgh ...	4
E. EVANS, London ... ..	7	MACFARLANE & ERSKINE, Edinburgh	1
J. M. JOHNSON & SONS (limited) ...	6	W. COLLINS & Co., Glasgow ...	1
BARCLAY & FRY, London ... ..	4	W. MACKENZIE, Glasgow ... ..	3
W. & A. GILBEY, London ... ..	10	T. FORMAN & SONS, Nottingham ...	15
A. REEVES & Co., London ... ..	2	R. ALLEN & SONS, Nottingham ...	3
UNWIN BROS., London ... ..	1	E. S. & A. ROBINSON & Co., Bristol	5
E. BAINES & SON, Leeds ... ..	4	BEMROSE & SONS, Derby ... ..	3
V. BROOKS, DAY & SON, London ...	2	MILNER & SOWERBY, Halifax ...	4
WATSON & HAZELL, London ... ..	3	STAFFORD & Co., Nottingham ...	2
C. ROBINSON & Co., London ... ..	6	H. J. INFELD, Brighton ... ..	2
B. GEORGE, London ... ..	5		

*And numerous other Establishments.*

## HUGHES & KIMBER'S ANGLICAN BANK-NOTE PRINTING MACHINE.



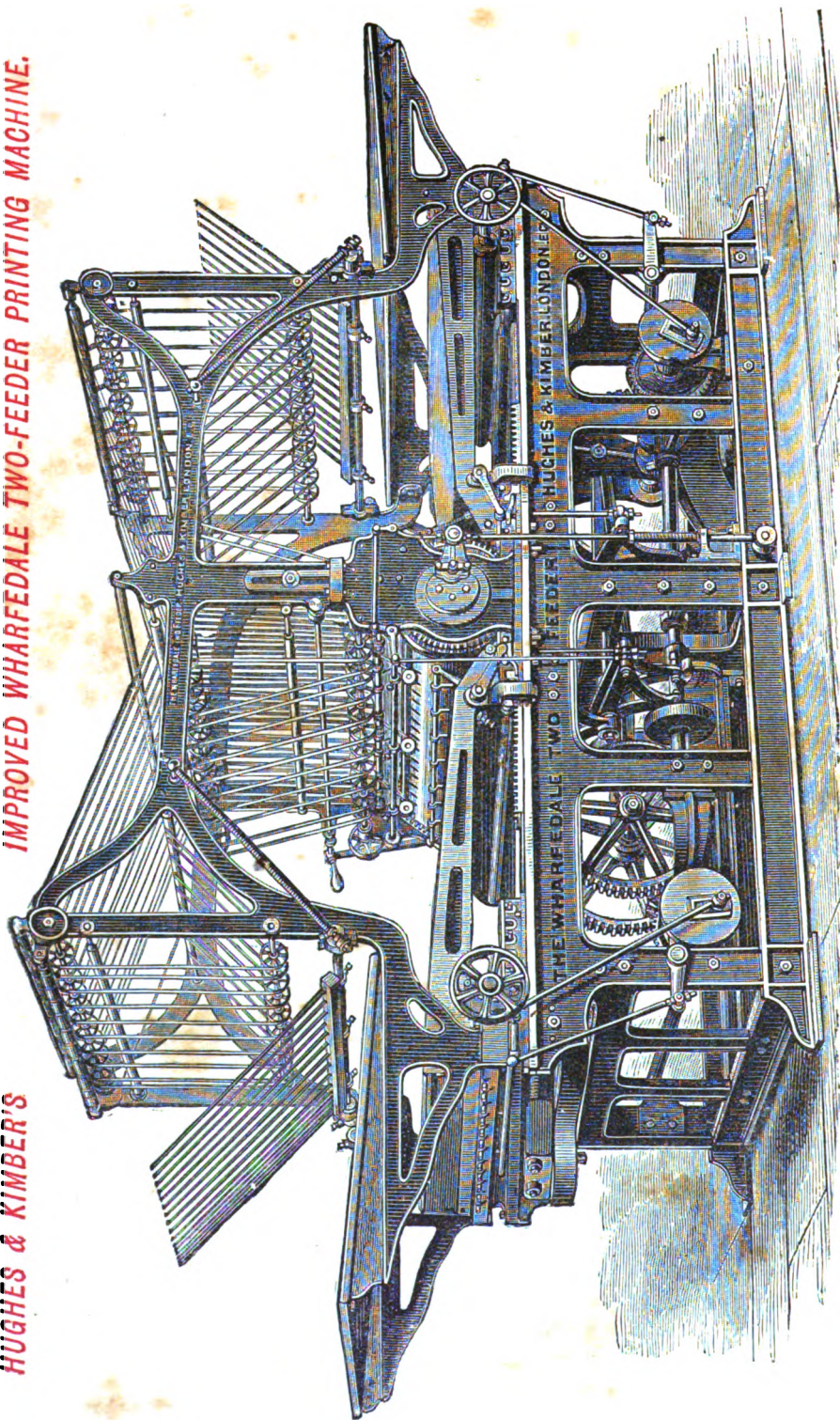
This Machine is made for the production of Bank Notes, and other very fine work, in printing which it is often necessary for the sheets to be passed through the Machine six or even eight times with perfect certainty of position. A perfectly even distribution of ink is ensured by additional Rollers; and a sharp and clear impression of fine and delicate lines, so essential in the class of work for which the Machine is designed, can be readily obtained.

..... SUPER ROYAL, to print a sheet 28 x 22 inches, £230. Other sizes to order.



IMPROVED WHARFEDALE TWO-FEEDER PRINTING MACHINE.

HUGHES & KIMBER'S



## HUGHES & KIMBER'S

### IMPROVED WHARFEDALE TWO-FEEDER PRINTING MACHINE.

#### SINGLE CYLINDER,

**Will print ANY SIZE Newspaper below full size.**

*Speed 4000 per hour.*

The Improved Wharfedale Two-Feeder Single Cylinder Printing Machine is recommended as being the best in the market.

By means of a recent important improvement, it will print, either as a one or two-feeder, *any and every size* Newspaper below full size, without alteration of the printing surface of cylinder or removal of blanket and tapes.

The Wharfedale is *par excellence* a swift News Machine, being constructed with great firmness, to run at a high speed without vibration, and possessing several valuable improvements suggested by the experience of practical printers. The putting in of the paper is carried on as rapidly as the feeders can introduce it, one getting his sheet ready for the grippers to take hold of while the sheet from the other is passing through the Machine. On being released from the Cylinder, when it is printed, the paper is conducted between the tapes, which run up perpendicularly over the Cylinder, round a series of pulleys and rollers, and at the top, just behind the words "The Wharfedale Two-Feeder," which are seen on the iron band in the upper portion of the engraving, the direction of the sheet is changed, the one from the left-hand feeding-board being carried to the opposite end of the Machine, and *vice versa*, by means of the tapes, which run diagonally from the centre to the extremities of the upper framework, when the direction is again changed, and the sheets are brought down by the perpendicular tapes at the ends, where they are caught by the "flyers." The flyer is the slanting portion of the Machine at the extreme right of the illustration, which is exhibited half way between up and down, the pivot on which it turns being at the bottom. When ready to receive the sheet, it stands in a perpendicular position, and, being constructed of open rods of wood, lodges between the tapes while the sheet slides down upon the face of it, when, as the next revolution of the Machine is commenced, the flyer throws the sheet down upon the flat delivery-board projecting underneath, and returns to the upright position again, to be ready for the next sheet, the flyer at the other end having in the meantime performed a similar office for the sheet introduced by the other feeder. The sheets have to undergo the same operation with the other four pages, in order to print them on both sides, when they are completed, and the papers are carried off in heaps to the Folding Machine.

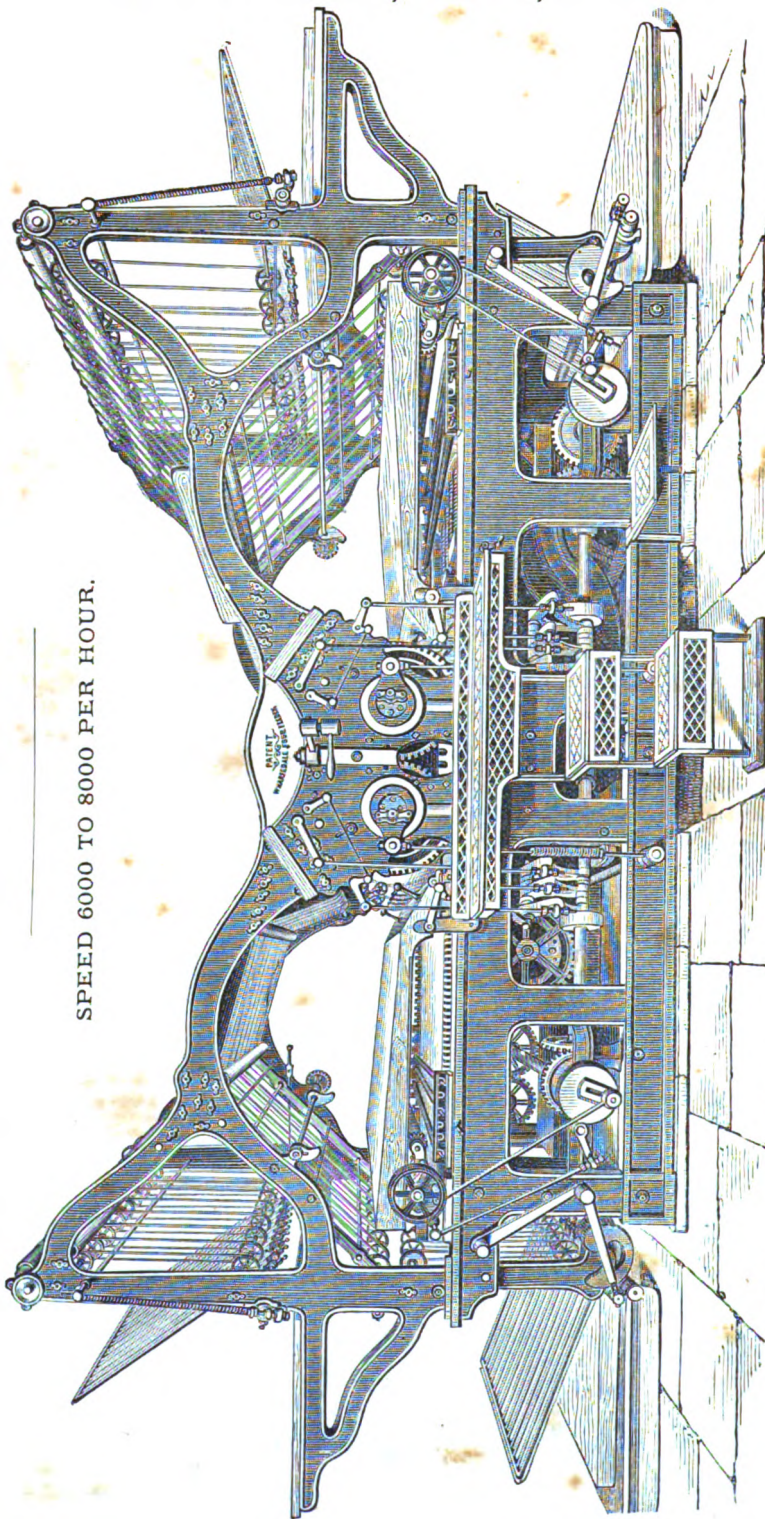
The movements of the Machine are so easy that no vibration and very little noise is made, and it works with great accuracy, giving off a sharp and clear impression, with the ink well and evenly distributed, and the register all that could be desired. These *desiderata* are secured at a speed producing 4000 copies per hour.

SIZE.			TO PRINT A SHEET		SPACE BETWEEN BEARERS.	SPACE OCCUPIED.		PRICE.	
			IN.	IN.	IN.	FT.	IN.	£	s. d.
No. 1	...	...	36	× 24	41	12	6 × 6 0	360	0 0
" 2	...	...	44	× 32	49	12	9 × 6 8	400	0 0
" 3	...	...	50	× 37	55	13	0 × 7 0	440	0 0
" 4	...	...	54	× 42	59	14	0 × 7 6	500	0 0



# PATENT WHARFEDALE FOUR-FEEDER NEWSPAPER PRINTING MACHINE.

SPEED 6000 TO 8000 PER HOUR.



Made to print sheets 36 x 24, 44 x 32, 50 x 37, 54 x 42 inches, or in any other size. Estimates on application.

HUGHES & KIMBER, LIMITED, LONDON.

## PATENT NEWSPAPER FOLDING MACHINE.



The above Machine is constructed to make from one to four folds to the paper, and folds papers of any size below full size by merely adjusting the gauges.

The delivery is entirely self-acting.

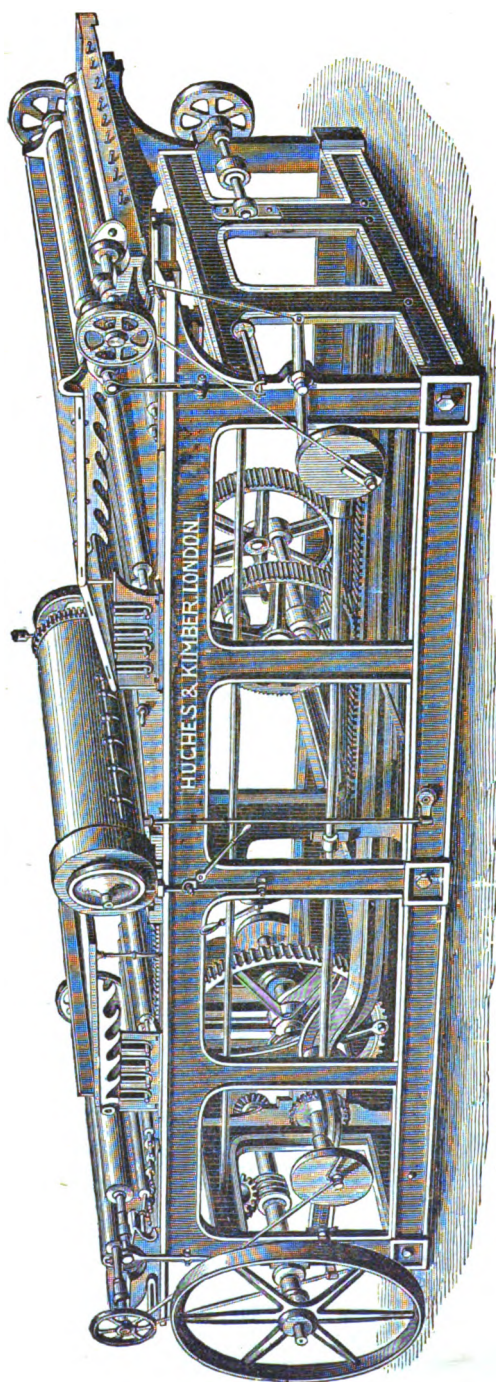
The Machine as a Single Feeder will fold 3000 papers per hour, as a Double Feeder 5000 per hour.

	INCHES.	SPACE OCCUPIED.		SINGLE FEEDER.	DOUBLE FEEDER.
		FT.IN.	FT.IN.	£ s. d.	£ s. d.
No. 1, to fold a paper	49 × 37	5 3	6 9		
„ 2, „	56 × 42	5 9	7 0		
„ 3, „	63 × 48	6 3	7 6		

*Machines specially made for peculiarly folded Newspapers.*



# HUGHES & KIMBER'S IMPROVED WHARFEDALE TWO-COLOR MACHINE.



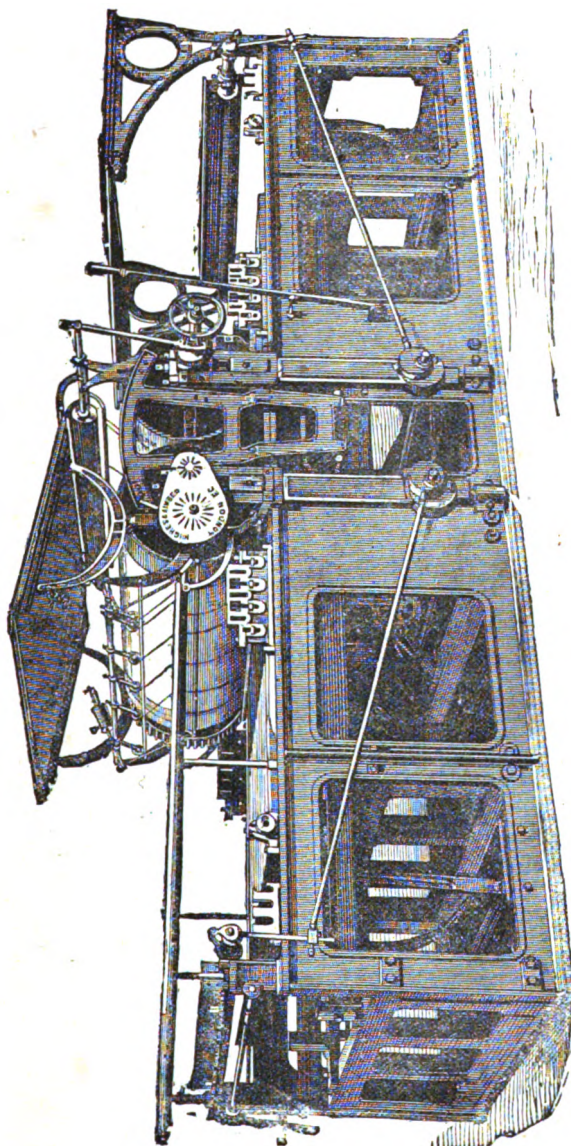
SPEED, ABOUT 800 PER HOUR.

SIZE.	TO PRINT A SHEET		SPACE BETWEEN BEARERS.		SPACE OCCUPIED.		WITHOUT FLYERS.		WITH FLYERS.	
	IN.	IN.	IN.		FT. IN.	FT. IN.	£ s. d.	£ s. d.	£ s. d.	
DOUBLE CROWN ..	...	30 x 22	34		16 0 x 5 2		240 0 0	264 0 0		
DOUBLE DEMY ...	...	36 x 24	40		16 6 x 6 0		288 0 0	312 0 0		
DOUBLE ROYAL ...	...	42 x 29	47½		17 0 x 6 10		336 0 0	360 0 0		



# HUGHES & KIMBER'S ANGLO-FRENCH PERFECTING MACHINE.

*For fine Book Work, Illustrations, Newspapers, &c.*



SPEED, 1000 PER HOUR.

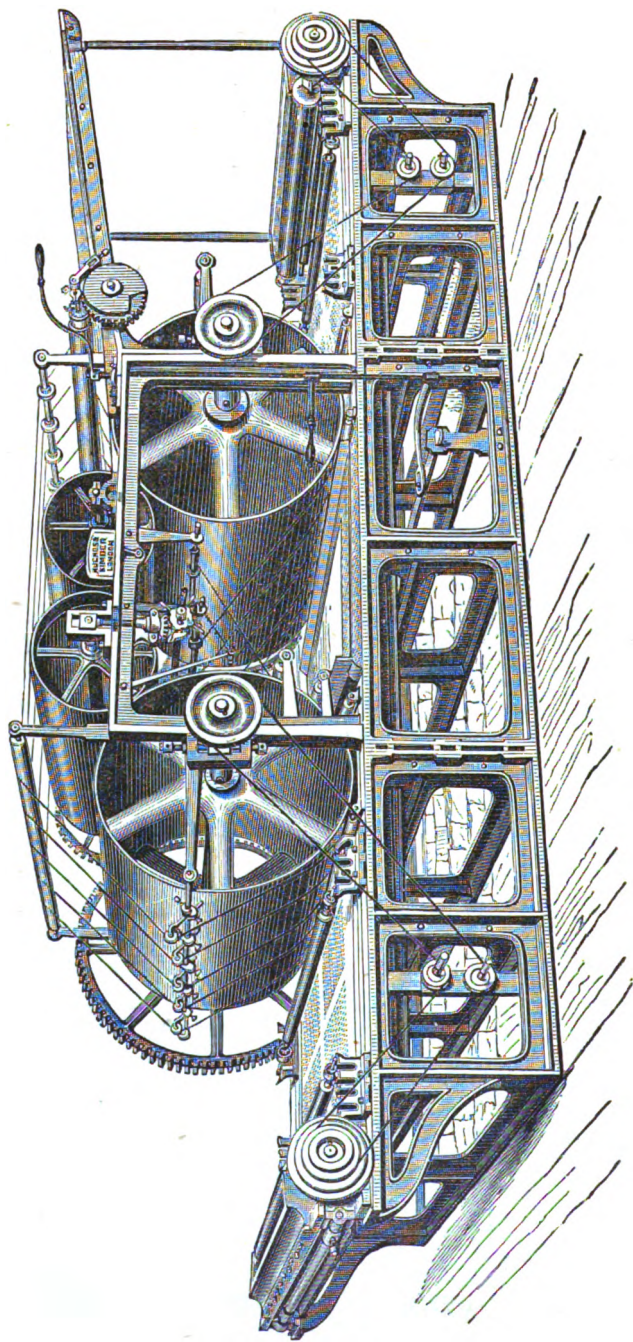
SPEED, 1000 PER HOUR.

The following prices include set-off sheet apparatus; and, with the two largest sizes, cutting apparatus for dividing the paper automatically:—

SIZE.	TO PRINT A SHEET		PRICE.		
	IN.	IN.	£	s.	d.
DOUBLE ROYAL ...	42	x 27	460	0	0
DOUBLE IMPERIAL ...	46	x 32	530	0	0
DOUBLE DOUBLE DEMY ...	48	x 38	575	0	0
DOUBLE DOUBLE ROYAL ...	56	x 41	630	0	0

## HUGHES & KIMBER'S IMPROVED FAST PERFECTING MACHINE,

*For Fine Book-work, Illustrations, Newspapers, &c.*



**SPEED, 1,500 PER HOUR.**

For particulars see next page

## HUGHES &amp; KIMBER'S

## IMPROVED FAST PERFECTING MACHINE.

The perfection of the mechanism of these Printing Machines has placed them in the first rank as the fastest Perfecting Machines that are made, being equal to the Anglo-French for producing fineness of work at nearly double the speed. One improvement is in the placing the Taking-in-Drum and Drop-bar so that the sheet is taken on the Machine when the Table is some distance from the returning point, avoiding any shake of the Machine on the turning of the rack, thereby ensuring a better lay and enabling the poorest paper to be used without creasing. Another improvement is in the construction of the Travelling Rollers, so that they cannot give way under the impression (as in other machines), having rails and solid rollers the whole length of the Machine. Other improvements consist in the Rack being wider, giving more time in turning the ends, thus enabling the Machine to be driven at greater speed. The Rack has malleable-iron ends in the tooth part, and is steel-fitted in ends for Tumbler ; also malleable-iron Rack-pinions. The Guide at the back of Rack is easy of adjustment in case of wear. The Machine is much stronger and has larger wearing surfaces than those in general use.

For fine Book and Journal work it combines excellence of distribution with great speed and evenness of impression, and, from the smoothness of its working qualities, is well adapted for the finest Book and Cut work.

For Country and other Newspapers it is invaluable; for, in addition to its great speed, it turns out its work with a clear and even impression, in perfect register, printing both sides at once, enabling the Proprietor, as soon as the Machine is started, to commence publishing.

SIZE.	TO PRINT A SHEET		PRICE.		
	IN.	IN.	£	s.	d.
DOUBLE ROYAL ... ..	43	× 30	485	0	0
DOUBLE SUPER ROYAL ...	45	× 33	510	0	0
DOUBLE DOUBLE DEMY ...	50	× 38	590	0	0
DOUBLE DOUBLE ROYAL ...	54	× 42	700	0	0

## DRYING ROOMS

Made to heat to any given temperature, and piping fitted to warm offices either with exhaust or live steam. Estimates on application.

## COUNTING MACHINE

To register the number of sheets printed at machine or press, £5 5 0

## NEWSPAPER ADDRESSING MACHINE

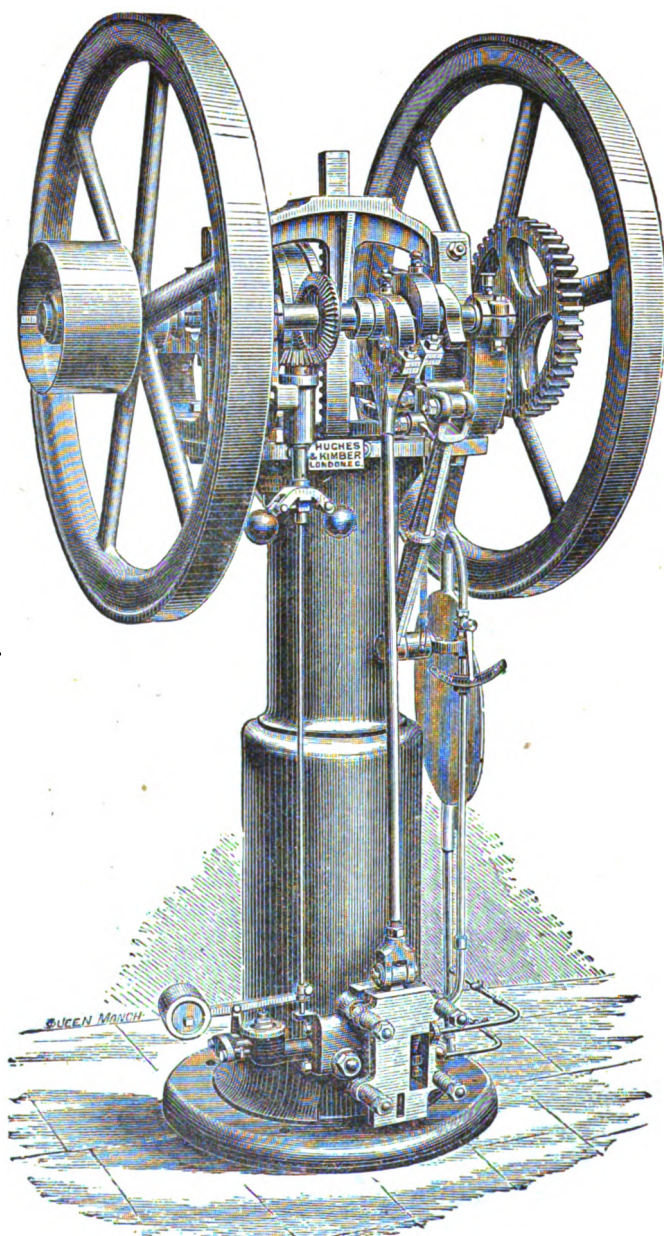
For rapidly printing the covers for Newspapers and other periodicals :—

Complete with Roller, Inking Table, &c., £25 0 0



## PATENT ATMOSPHERIC GAS ENGINE.

This Engine is very suitable for Printers ; being simple in construction, a skilled Engineer is not necessary to work it.

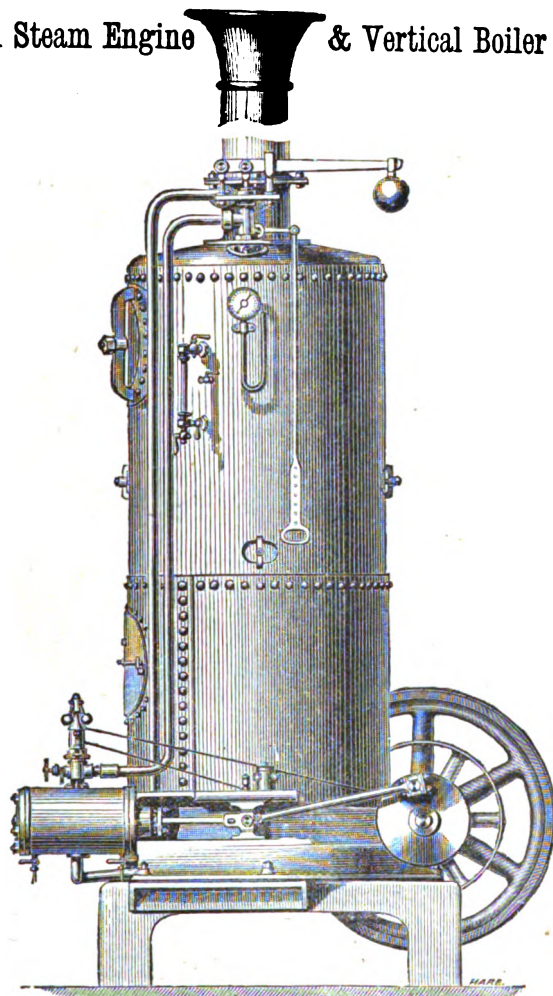


It is perfectly safe, and provides the most economical motive power yet introduced.  
Cost of Working, 1d. per hour per horse power.

						£	s.	d.
QUARTER HORSE POWER	...	...	..	...	...	59	0	0
HALF	..	...	...	...	...	76	10	0
ONE	..	...	...	...	...	100	10	0
TWO	..	...	...	...	...	138	0	0

*Including Water Vessel to keep Engine cool.*

## Horizontal Steam Engine & Vertical Boiler combined.



The above Engine is especially adapted for Printers, Bookbinders, &c., as it occupies a smaller space than any other kind, is simple to manage, and readily understood, every part being easy of access.

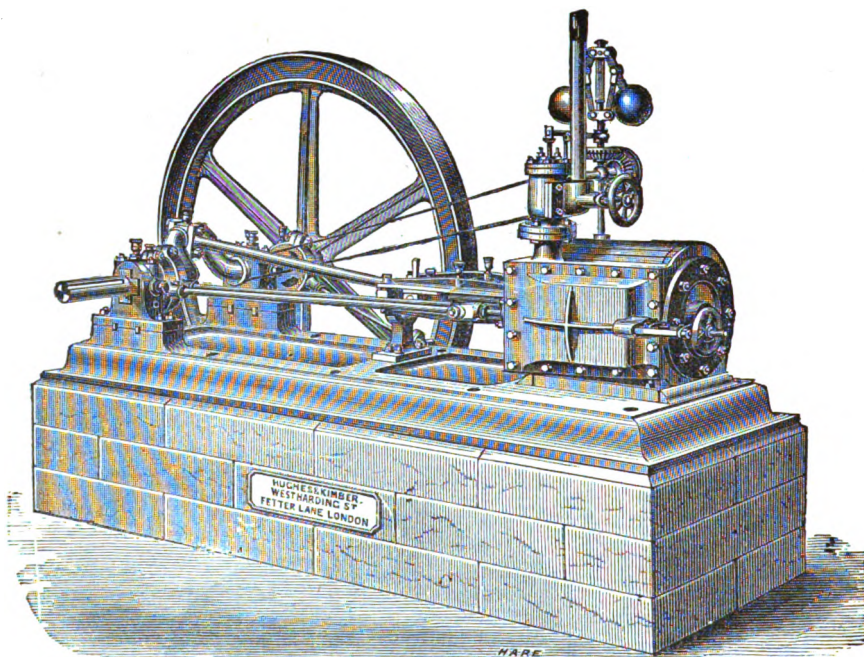
It is complete in itself and entirely independent of the Boiler, thereby preventing all injury from the strain of working, and the contraction and expansion so much complained of in Engines affixed to the Boiler.

The Boiler is fitted with simple cross tubes, affording increased heating surface, without the risk and annoyance of choking up from sediment or incrustation.

The Engine and Boiler are sent out complete with Feed Pump and all requisite fittings, and being entirely self-contained, skilled labour to erect them is quite unnecessary.

NOMINAL HORSE POWER	INDICATED HORSE POWER AT 50 LB. PRESSURE.	DIAMETER OF CYLINDER	STROKE	REVOLUTIONS PER MINUTE.	WEIGHT.	PRICE £
2	3.8	4 in.	8 in.	180	25 cwt.	85
3	5.9	5 in.	10 in.	144	35 cwt.	105
4	8.6	6 in.	12 in.	120	48 cwt.	125
6	15.0	8 in.	16 in.	90	64 cwt.	170
8	19.4	9 in.	18 in.	80	75 cwt.	210
10	23.9	10 in.	20 in.	72	86 cwt.	255
14	34.5	12 in.	24 in.	60	97 cwt.	320

## HORIZONTAL STEAM ENGINE.



This Engine possesses all the latest improvements, and is very compact ; the working parts are less in number than in most Engines, thus rendering it much more durable.

The Governor is of a very special description, being exceedingly sensitive and simple.

NOMINAL HORSE POWER.	DIAMETER OF CYLINDER.	STROKE.	DIAMETER OF FLY WHEEL.		REVOLUTIONS PER MINUTE.	WEIGHT.	PRICE.
	In.	In.	Ft.	In.		Cwt.	£
2	4	8	2	6	180	5½	39
3	5	10	3	3	144	9½	47
4	6	12	4	0	120	14½	55
6	8	16	4	6	90	24	82
8	9	18	5	0	80	33	106
10	10	20	5	6	72	47	135
14	12	24	6	0	60	60	168
18	14	28	7	6	52	100	215
25	16	28	9	0	52	160	237

Including Feed Pump and all fittings. Variable Expansion Gear, extra, from £10 to £12

**STEAM BOILERS, CORNISH OR VERTICAL,**

PRICES ON APPLICATION.

## TURNED BRIGHT WROUGHT IRON SHAFTING.

2, 2½, 2¾, 3, 3½, and 4 inches diameter.

## COUNTER SHAFTING,



With Cone Pulleys for variable speeds, Hangers, &c.

## COUPLINGS, PULLEYS, HANGERS, AND WALLBOXES,

Of every description.

## BORING, PLANING, SCREW CUTTING, &c.

---

HUGHES and KIMBER, Limited, have lately made large additions to their engineering plant, and as they at all times keep a large staff of competent Engineers who have been specially trained, they are enabled to effect repairs, and remove or fix machinery in Town or Country with the utmost economy and despatch.

---

## HOISTS OR LIFTS.

For all purposes, fitted to work by hand or steam power to any elevation, and to lift any weight. Estimates on application.

Complete Printing Office for Jobbing.

	£	s.	d.		£	s.	d.
1 Super Royal Albion Press	48	10	0	8-lines Roman Condensed, Capitals and Figures	28	15	0
1 Super Royal Iron Inking Table	2	15	0	*2-lines Elongated Antique, 8 doz.	2	9	0
1 each, Brayer 1/4- and Slice 1/6	2	6		6-lines Condensed Antique, No. 1	30	1	0
1 pair Super Royal Blankets	10	6		*16-lines ditto Capitals, ...	5 1/2	2	6
1 " " Parchments	7	0		*24-lines ditto ditto	5 1/2	3	6
1 Bank and Horse	1	0	0	5-lines Condensed Antique, No. 2, Caps. and Figures	10	15	0
2 pairs Spring Points, 1/6	3	0		10-lines ditto ditto	30	1	15
1 Sheep's Foot Hammer	1	6		*15-lines ditto ditto	8	2	0
1 Oil Can	2	6		*6-lines Exp. Ant., No. 2, ditto, 8 doz.	2	18	0
1 Ley Brush	4	6		8-lines Cond. Ant., No. 3, ditto, 33 lbs.	1	9	0
1 Pick Brush	1	0		Canon Cond. Antique, No. 3, ...	30	1	10
1 23-inch Roller and Frame	14	0		Nonpareil ditto	4	3	13
1 12-inch " "	10	0		Gt. Primer Skeleton Ant., No. 2, 12	1	12	14
12 lbs. Black Ink, 1/-	12	0		Long Primer ditto	8	1	10
6 lbs. " 2/6	15	0		2-lines English Antique, No. 3	50	1	12
1 pair Super Royal Wetting Boards	9	6		Pica ditto	10	1	16
1 " Demy " "	7	6		Brevier ditto	6	2	13
2 Whole Frames, with racks, £1	2	0	0	6-line Cond. Sanseriff, No. 4	16	1	10
1 Single Case Rack	1	0	0	4-lines ditto	12	1	12
9 pairs Cases, best, 7/6	3	7	6	Small Pica 2-line ditto	4	2	8
18 Double Cases, best, 5/-	4	10	0	Nonpareil 2-line ditto	2	3	6
8 Treble Cases, best, 5/-	2	0	0	Brevier ditto	1 1/2	4	6
1 Double Crown Iron Imposing Surface, with frame and drawer	4	10	0	Bourgeois 2-line Grotesque, No. 4	4	2	8
1 Super Royal Wrought Chase, cut for 8-vo. and 12-mo.	11	9		Pearl 2-line ditto	2	3	7
1 Demy ditto ditto	8	6		Nonpareil ditto	1	5	6
2 Foolscap ditto ditto	13	6		Nonp. 2-line Cond. Sans. Italic	5	3	15
14 Job Cast Chases, assorted	1	10	0	Nonpareil Expanded	1	5	6
500 Quoins	4	0		Brevier Expanded Skeleton	2	4	8
6 Shooting Sticks, 5d.	2	6		Brevier 2-line Classic	3	3	4
1 Mallet	2	0		Small Pica 2-line Latin Shaded	3	3	3
1 Planer	1	0		Nonpareil 2-line Tuscan, No. 4	2	4	9
6 Bodkins	1	0		Pearl 2-line Florentine	1 1/2	5	3
1 Mahogany Galley, Demy folio	3	6		2-lines English Alhambra	4	3	6
1 " " Demy 4-to	3	0		Nonpareil 2-line Tuscan, No. 6	2	4	9
1 " " Demy 8-vo	1	6		Bourgeois 2-line Tuscan, No. 3	3	3	3
1 Iron Composing Stick, 6-inch	4	6		Pica Latin Expanded	6	1	6
1 " " 10-inch	6	6		Pearl 2-line Latin	2	3	6
1 Mahogany Composing Stick, 29-inch	6	6		Bourgeois 2-line Latin	3	2	7
6 doz. Reglet, assorted	8	0		English 2-line Latin Condensed	4	1	9
2 1/2 " Furniture	10	0		Nonpareil 2-line ditto	2	3	6
2 " Sidesticks, 36-inch, 3/6	7	0		Gt. Primer Old Style Ornamentd.	6	3	18
1 Saw and Saw Block	6	6		Brevier 2-line Ancient	3	3	4
1 Iron Screw Standing Press, with 2 pillars and platen, 25 in. x 20 in.	15	0	0	Bourgeois 2-line Romanesque	3	3	4
1 pair Super Royal Pressing Boards	16	0		Long Primer Anglican	2	6	12
1 " Demy " "	12	0		Pica Augustan Black	2	5	10
1 " Foolscap	10	0		Great Primer ditto	3	4	13
1/2-gross Super Royal Glazed Boards, 55/-	7	6		2-li. Dble. Pica Columbian Text	5	3	17
1/2-gross Demy " "	35	17	6	Double Pica ditto	3	4	13
1 Paper Knife	3	6		Pica Mercantile Italic	10	3	10
1 pair Brass Rule Shears	6	0		2-line Pica Script, No. 3	10	4	2
				Spaces for ditto	3	1	3
				Nonpareil 2-line, No. 8	2	3	6
				Brevier 2-line ditto	3	2	3
				Nonpareil 2-line Cond., No. 2	2	3	6
				Bourgeois 2-line ditto	3	2	6
				Long Primer 2-line, No. 7	3	2	6
				2-line Pica Check, No. 2	1	3	3
				Set of Type Ribbon, No. 2	2	2	0
				Border, Series 25	5	3	15
				Border, Body 10, No. 59	2	3	6
				Ornamental Dashes & Corners, assorted	1	0	0
				Ornaments, assorted	1	5	0

\* Founts marked thus are Wood Letters.



Complete Printing Office for Jobbing Work.

(ON LARGER SCALE).

	£	s.	d.		lbs.	£	s.	d.
1 Double Crown Albion Press ...	53	0	0	Double Pica, Roman ...	40 at 1/2	2	6	8
1 Cylindrical Inking Table ...	6	0	0	4-lines Roman Condensed, No. 1	25 " 1/2	1	5	0
1 Double Crown Bank and Horse ...	1	0	0	8-lines ditto, Caps. & Figs.	28 " 9d.	1	1	0
1 Post Folio Albion Press ...	15	0	0	*12-lines Elongated Antique, 8 doz.	" 2/9	1	2	0
1 Folio Bank and Horse ...	10	0	0	6-lines Condensed Ant., No. 1	30 " 9d.	1	2	6
1 pair Double Crown Blankets ...	13	6		*16-lines ditto, Capitals	50 doz. " 2/6	13	9	
1 " " Parchments ...	9	0		*24-lines ditto " "	50 " 3/6	19	3	
1 " " Post Folio Blankets ...	3	7		5-li. Cond. Ant. No. 2, Caps. & Figs.	10 " 1/6	1	15	0
1 " " " Parchments ...	3	0		10-lines ditto " "	30 " 1/2	1	15	0
3 pairs Spring Points ...	1/6	4	6	*15-lines ditto " "	8 " 2/6	1	0	0
1 Sheep's Foot ...	1	6		*6-li. Exp. Ant. No. 2, ditto, 8 doz.	" 2/3	1	8	0
1 Oil Can ...	2	6		8-lines Cond. Ant., No. 3, ditto	33 " 9d.	1	4	9
1 Brayer 1/6, 1 Slice 1/-	2	6		Canon Cond. Ant., No. 3	30 " 1/-	1	10	0
1 Ley Brush ...	4	6		Nonpareil ditto " "	4 " 3/3	1	3	0
2 Pick Brushes ...	1/-	2	0	Gt. Primer Skeleton Ant., No. 2	12 " 1/2	1	4	0
1 25-inch Roller and Frame ...	15	0		Long Primer ditto " "	8 " 1/10	1	4	8
1 18 " " " " " "	13	0		2-lines English Antique, No. 3	50 " 1/2	2	14	2
1 12 " " " " " "	10	0		Pica ditto " "	10 " 1/6	1	15	0
1 pair Double Crown Wetting Boards ...	9	6		Brevier ditto " "	6 " 2/2	1	3	0
1 " Demy " " " "	7	6		6-lines Cond. Sanseriff, No. 4	16 " 9d.	1	12	0
12 lbs. Black Ink ...	1/-	12	0	4-lines ditto " "	12 " 1/-	1	2	0
12 lbs. " " " " " "	2/6	1	10	Small Pica 2-line ditto...	4 " 2/-	8	0	
3 lbs. " " " " " "	4/-	12	0	Nonpareil 2-line ditto ...	2 " 3/-	6	0	
4 Whole Frames, with Racks ...	4	4	0	Brevier ditto " "	1 1/2 " 4/-	6	0	
1 Double Case Rack ...	1	18	0	Pourgeois 2-li. Grotesque, No. 4	1 1/2 " 4/-	8	0	
13 pairs Cases, best ...	7/6	4	11	Pearl 2-lines ditto ...	2 " 3/6	7	0	
22 Double Cases ...	5/-	5	10	Nonpareil ditto " "	1 " 5/6	5	6	
13 Treble Cases ...	5/-	3	5	Non. 2-li. Cord. Sans. Italic	5 " 3/-	15	0	
1 Double Royal Imposing Surface, with				Nonpareil Expanded ...	1 " 5/6	5	6	
frame and 2 drawers ...	7	10	0	Brevier Expanded Skeleton...	2 " 4/-	8	0	
1 Double Crown Broadside Wrought Chase	10	6		Brevier 2-lines Classic ...	3 " 3/4	10	0	
2 Royal Wrought Chases, cut for 8-vo.				Small Pica 2-lines Latin Shaded	3 " 3/-	9	0	
and 12-mo. ...	1	1	0	Nonpareil 2-lines Tuscan, No. 4	2 " 4/6	9	0	
2 Demy ditto " " " " " "	19	0		Pearl 2-lines Florentine ...	1 1/2 " 5/3	7	11	
2 Foolscap ditto " " " " " "	13	6		2-lines English Alhambra ...	4 " 5/6	14	0	
24 Job Cast Chases ...	3	0	0	Nonpareil 2-lines Tuscan, No. 6	2 " 4/6	9	0	
1000 Quoins ...	8	0		Bourgeois, 2-lines Tuscan, No. 6	3 " 3/-	9	0	
1 Improved Saw and Block ...	1	10	0	Pica Latin Expanded ...	6 " 1/6	9	0	
6 Shooting Sticks, boxwood ...	5d.	2	6	Pearl 2-lines Latin ...	2 " 3/6	7	0	
2 " " gun metal ...	3/-	6	0	Bourgeois 2-lines Latin ...	3 " 2/-	6	0	
1 Mallet ...	2	0		English 2-lines Latin Condnsd.	4 " 1/9	7	0	
1 Planer ...	1	0		Nonpareil 2-lines ditto ...	2 " 3/-	6	0	
6 Bodkins ...	1	0		Gt. Primer Old Style Ornamtd.	6 " 3/-	18	0	
2 Mahogany Galleys, Demy folio ...	3/6	7	0	Brevier 2-lines Ancient ...	3 " 3/4	10	0	
2 " " Demy 4-to ...	3/-	6	0	Bourgeois 2-lines Romanesque	3 " 3/-	9	0	
2 " " Demy 8-vo ...	1/6	3	0	Long Primer Anglican ...	2 " 5/6	12	0	
1 8-inch Iron Composing Stick ...	5	6		Pica Augustan Black ...	2 " 5/-	10	0	
1 12-inch " " " " " "	7	6		Great Primer ditto...	3 " 4/6	13	6	
1 Broadside Mahogany ditto, 29-inch ...	6	6		2-li. Dbl. Pica Columbian Text	5 " 3/6	17	6	
10 doz. Reglet, assorted ...	14	0		Double Pica ditto ...	3 " 4/6	13	6	
6 " Furniture, " " " " " "	1	0	0	Pica Mercantile Italic ...	10 " 3/-	1	10	0
1 " Sidesticks, 36-inch ...	3	6		2-lines Pica Script, No. 3	10 " 4/-	2	0	0
6 " " assorted ...	10	0		Spaces for ditto ...	3 " 1/2	3	3	
1 Improved Brass Rule and Lead Cutter	1	12	0	Nonpareil 2-lines, No. 8	2 " 3/-	6	0	
1 Iron Screw Standing Press, with 4				Brevier 2-lines ditto ...	3 " 2/3	6	9	
pillars, and platen 26-in. x 31-in.	26	0	0	Nonpareil 2-lines Cond., No. 2	2 " 3/-	6	0	
1 pair Double Crown Pressing Boards ...	17	0		Bourgeois 2-lines ditto ...	3 " 2/-	6	0	
1 " Royal " " " " " "	14	0		Long Primer 2-lines, No. 7 ...	3 " 2/-	6	0	
1 " Demy " " " " " "	12	0		2-lines Pica Check, No. 2	1 " 3/-	3	0	
1 " Foolscap " " " " " "	10	0		Set of Type Ribbon, No. 2 ...	" 2	2	2	0
1-gross Double Crown Glazed Boards, 55/-	1	7	6	Border, Series 25 ...	5 " 3/-	15	0	
1-gross Royal " " " " " "	40/-	1	0	Border, Body 10, No. 59 ...	2 " 3/-	6	0	
1 Paper Knife ...	3	6		Ornamental Dashes and Corners, asstrtd.	1	0	0	
				Ornaments, assorted ...	" 15	0		
				4 to Pica Leads, asstrtd. lengths.	50 " 6d.	1	5	0
				8 to Pica ditto ...	10 " 1/-	10	0	
				French Metal Furniture ...	60 " 7d.	1	15	0
				Quotations ...	20 " 6d.	10	0	
				Case of 8 to Pica Rule, Scale 2 ...	" 3	0		
				1-do. each Waved & Dotted Rule	5/-	5	0	
				2 each Pearl & Nonpareil Shaded Rules	" 7	4		
				1-do. Double Wood Rule, assorted	10/-	5	0	
						£281	7	6

\* Founts marked thus are Wood Letters.

TO PRINT EIGHT PAGES THE SIZE OF "THE TIMES."

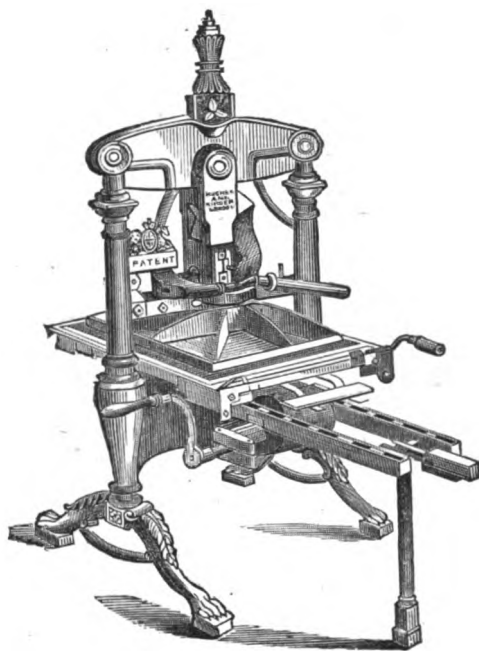
[illegible]

TO PRINT FOUR PAGES DOUBLE DEMY.

[illegible]

*For Specimens of Type, see pages 144 to 171.*

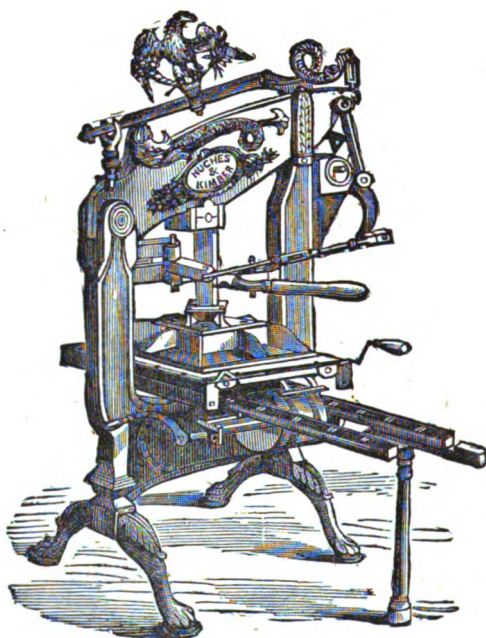
## THE ALBION PRESS.



These Presses are manufactured with WROUGHT iron chills,  
and possess all the latest improvements.

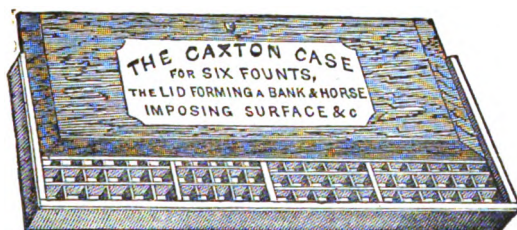
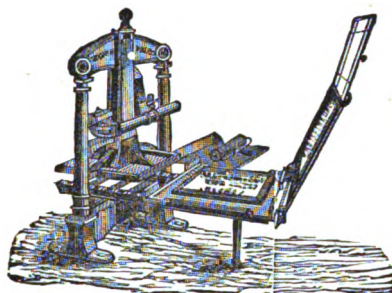
SIZE OF PRESS.	SIZE OF PLATEN.	PRICE.
	INCHES.	£ s. d.
ROYAL OCTAVO ...	10 × 7	10 0 0
FOOLSCAP FOLIO ...	15 × 9½	14 0 0
POST FOLIO ...	16 × 11	15 0 0
DEMY FOLIO...	18 × 12	20 0 0
FOOLSCAP ...	19 × 14½	25 0 0
CROWN ...	21 × 16	28 0 0
DEMY ...	24 × 18	39 0 0
ROYAL ...	26 × 20½	44 0 0
SUPER ROYAL ...	29 × 21	48 10 0
DOUBLE CROWN ...	34 × 22½	53 0 0
DOUBLE DEMY ...	36 × 23	62 0 0
DOUBLE ROYAL ...	40 × 25	69 0 0
EXTRA SIZE DBL. ROY.	42 × 27	80 0 0

## THE COLUMBIAN PRESS.



SIZE OF PRESS.	SIZE OF PLATEN.		PRICE.		
	IN.	IN.	£	s.	d.
FOOLSCAP ... ..	19	× 14½	25	0	0
CROWN ... ..	21	× 16	28	0	0
DEMY ... ..	24	× 18	39	0	0
ROYAL ... ..	25½	× 20½	44	0	0
SUPER ROYAL ... ..	29	× 21	48	10	0
DOUBLE CROWN ... ..	34	× 22½	53	0	0
DOUBLE DEMY ... ..	36	× 23½	62	0	0
DOUBLE ROYAL ... ..	40	× 25	69	0	0
EXTRA SIZE DOUBLE ROYAL ...	42	× 27	80	0	0

## AMATEUR COMPLETE PRINTING OFFICE.

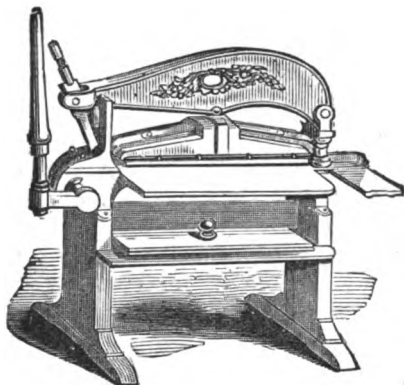


ALBION PRESS—Platen,  $7\frac{1}{4}$  in.  $\times$   $5\frac{1}{4}$  in.  
 ROLLER AND FRAME.  
 CASE CONTAINING SIX FOUNTS OF  
 BEST HARD METAL TYPE.  
 BRASS RULE.  
 LEADS.  
 1 lb. BLACK INK.  
 SIDE AND FOOTSTICKS.  
 QUOINS.  
 6-in. COMPOSING STICK.  
 BODKINS.  
 Mallet.  
 SHOOTING STICK.  
 PLANER.  
 CAST-IRON CHASE.  
 BLANKETS.  
 PARCHMENTS.  
 LEY BRUSH.

Price, complete, £6 6s.

*The above will be found invaluable to Amateur Printers, whether for Amusement or Practical Work, and is highly recommended for the use of Institutions, both at home and abroad, Missionary and other Societies, Schoolmasters, Authors, etc., etc.*

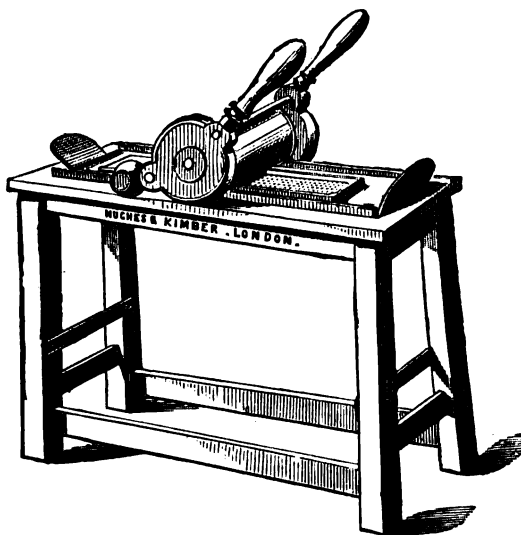
## GALLEY PRESS.



## SIZE OF PLATEN.

IN.	IN.			£	s.	d.
29	x 6	...	...	12	10	0
36	x 7½	...	...	18	0	0

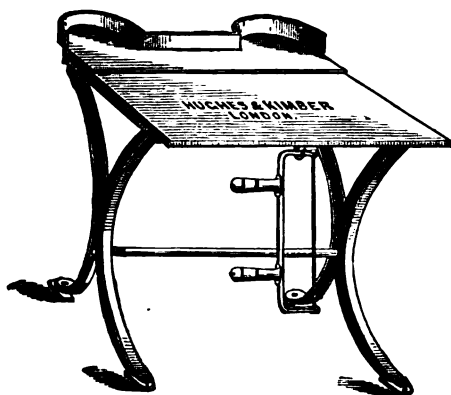
## GALLEY PROOF PRESS.



These Proof Presses are very simple. The Iron Cylinder, covered with Blanket, is merely run over the forme.

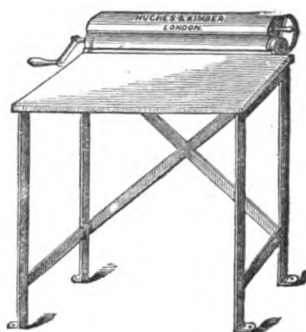
On Wood Stand	...	...	...	£6.
All Iron	...	...	...	£9

IRON INKING TABLES.



PLAIN.

			£	s.	d.
Foolscap Folio	...	...	1	10	0
Foolscap	...	...	1	15	0
Crown	...	...	2	0	0
Demy	...	...	2	5	0
Royal	...	...	2	10	0
Super Royal	...	...	2	15	0
Double Crown	...	...	3	0	0
Double Demy	...	...	3	5	0

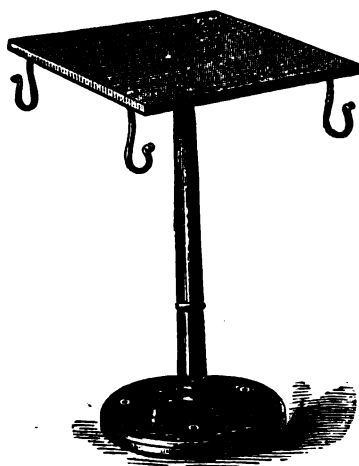


CYLINDRICAL.

			£	s.	d.
Foolscap Folio	...	...	4	0	0
Crown	...	...	4	10	0
Demy	...	...	5	0	0
Royal	...	...	5	10	0
Super Royal	...	...	6	0	0
Double Crown	...	...	6	10	0
Double Demy	...	...	7	0	0

IRON INKING TABLE.

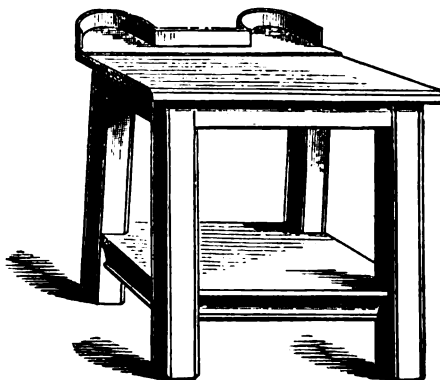
SMALL SIZE.



INCHES.			£	s.	d.
17½ × 13½	...	...	1	5	0

WOOD INKING TABLE.

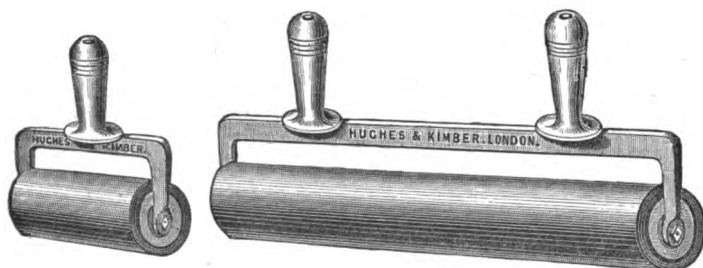
WITH MAHOGANY TOP, IRON BACK.



			£	s.	d.
Foolscap Folio	...	...	0	12	6
Crown	...	...	1	0	0
Royal	...	...	1	2	6



## SEAMLESS COMPOSITION PRESS ROLLERS.



## ROLLERS AND FRAMES COMPLETE.

									£ s. d.
Galley	...	...	6 inch	...	...	...	...	...	0 7 0
Demy Folio	...	10	„	...	...	...	...	...	0 9 0
Royal Folio	...	12	„	...	...	...	...	...	0 10 0
Foolscap	...	18	„	...	...	...	...	...	0 13 0
Crown	...	21	„	...	...	...	...	...	0 14 0
Demy	...	23	„	...	...	...	...	...	0 15 0
Royal	...	25	„	...	...	...	...	...	0 16 0
Double Foolscap	...	28	„	...	...	...	...	...	0 17 6
Double Crown	...	30	„	...	...	...	...	...	0 19 0
Double Post	...	32	„	...	...	...	...	...	1 1 0

## ROLLERS WITHOUT FRAMES.

				s. d.					s. d.
Galley	...	...	...	4 0	Demy	...	...	...	9 3
Demy Folio	...	...	...	5 6	Royal	...	...	...	10 0
Royal Folio	...	...	...	6 0	Double Foolscap	...	...	...	11 0
Foolscap	...	...	...	8 0	Double Crown	...	...	...	12 0
Crown	...	...	...	8 6	Double Post	...	...	...	13 6

## ROLLER FRAMES:

				s. d.					s. d.
Galley	...	...	...	3 0	Demy	...	...	...	5 9
Demy Folio	...	...	...	3 6	Royal	...	...	...	6 0
Royal Folio	...	...	...	4 0	Double Foolscap	...	...	...	6 6
Foolscap	...	...	...	5 0	Double Crown	...	...	...	7 0
Crown	...	...	...	5 6	Double Post	...	...	...	7 6

## ROLLER STOCKS.

	s.	d.		s.	d.
Galley ... ..	1	6	Demy ... ..	3	3
Demy Folio ... ..	2	0	Royal ... ..	3	6
Royal Folio ... ..	2	0	Double Foolscap ... ..	4	0
Foolscap ... ..	2	6	Double Crown ... ..	4	6
Crown ... ..	3	0	Double Post ... ..	5	0

## CLOTHING ROLLER STOCKS.

	s.	d.		s.	d.
Galley ... ..	2	6	Demy ... ..	6	0
Demy Folio ... ..	3	6	Royal ... ..	6	6
Royal Folio ... ..	4	0	Double Foolscap ... ..	7	0
Foolscap ... ..	5	6	Double Crown ... ..	7	6
Crown ... ..	5	6	Double Post ... ..	8	6

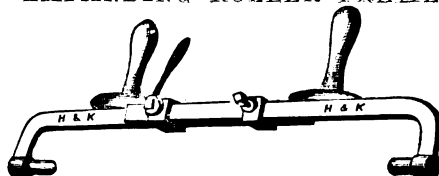
## RENEWING ROLLERS.

	s.	d.		s.	d.
Galley ... ..	1	6	Demy ... ..	4	0
Demy Folio ... ..	2	0	Royal ... ..	4	0
Royal Folio ... ..	2	0	Double Foolscap ... ..	4	0
Foolscap ... ..	3	0	Double Crown ... ..	4	0
Crown ... ..	3	6	Double Post ... ..	4	0

## RENEWING ROLLERS BY QUARTERLY CONTRACT.

	s.	d.		s.	d.
Galley ... ..	3	0	Demy ... ..	6	0
Demy Folio ... ..	3	0	Royal ... ..	6	0
Royal Folio ... ..	3	0	Double Foolscap ... ..	6	0
Foolscap ... ..	6	0	Double Crown ... ..	6	0
Crown ... ..	6	0	Double Post ... ..	6	0

## EXPANDING ROLLER FRAME.



Takes in a Roller of any size, from 10 inches to 30 inches in length, ... 10s. od.

## SEAMLESS MACHINE ROLLERS.



## CLOTHING MACHINE ROLLER STOCKS.

*At per set of 7 Rollers.*

			£	s.	d.				£	s.	d.
Demy Folio	...	...	1	2	6	Double Crown	...	...	2	5	0
Crown	...	...	1	5	0	Double Demy	...	...	2	10	0
Demy	...	...	1	17	6	Double Royal	...	...	3	10	0
Royal	...	...	2	0	0	News	...	...	4	10	0

## RENEWING MACHINE ROLLERS BY QUARTERLY CONTRACT.

*At per Machine. (7 rollers to a set.)*

			£	s.	d.				£	s.	d.
Demy Folio	...	...	2	0	0	Double Crown	...	...	2	10	0
Crown	...	...	2	0	0	Double Demy	...	...	2	10	0
Demy	...	...	2	5	0	Double Royal	...	...	2	15	0
Royal	...	...	2	5	0	News	...	...	3	0	0

## RENEWING MACHINE ROLLERS.

				s.	d.					s.	d.
Demy Folio	...	...	...	3	0	Double Crown	...	...	...	3	6
Crown	...	...	...	3	0	Double Demy	...	...	...	4	0
Demy	...	...	...	3	0	Double Royal	...	...	...	5	0
Royal	...	...	...	3	6	News	...	...	...	6	0

Machine Rollers clothed with Ordinary or Glycerine Composition to any size—prices on application.

Machine Roller Stocks made to any size.

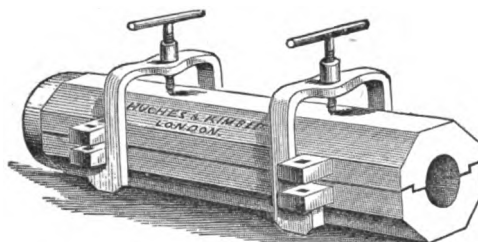
# PRESS ROLLER MOULD.

BRASS.



								£	s.	d.
To cast Rollers	6 inches long	...	...	...	...	...	...	0	10	0
"	10	"	...	...	...	...	...	0	13	0
"	12	"	...	...	...	...	...	0	15	0
"	18	"	...	...	...	...	...	1	0	0
"	21	"	...	...	...	...	...	1	3	6
"	23	"	...	...	...	...	...	1	5	6
"	25	"	...	...	...	...	...	1	9	0
"	30	"	...	...	...	...	...	1	14	0
"	32	"	...	...	...	...	...	1	16	0

# IRON ROLLER MOULD.



*Accurately bored and fitted, to open in halves, with vice-handle Dogs and Stout Screws.*

FOR PRESS.

								£	s.	d.
Demy	...	...	26 inches long	...	...	...	...	3	5	0
Royal	...	...	28	"	...	...	...	3	10	0
Double Foolscap	...	...	31	"	...	...	...	3	15	0
Double Crown	...	...	33	"	...	...	...	4	0	0
Double Post	...	...	35	"	...	...	...	4	5	0

FOR MACHINE.

*At per set of 2.*

								TO OPEN	
								SOLID.	IN HALVES.
								£ s. d.	£ s. d.
Demy Folio	(Paragon)	...	...	...	...	...	...	4 10 0	5 10 0
Crown	( do. )	...	...	...	...	...	...	5 0 0	6 0 0
Crown	33 inches long	...	...	...	...	...	...	7 0 0	8 10 0
Demy	36	"	...	...	...	...	...	7 10 0	9 0 0
Royal	38	"	...	...	...	...	...	8 0 0	9 10 0
Double Crown	45	"	...	...	...	...	...	9 10 0	11 10 0
Double Demy	49	"	...	...	...	...	...	10 0 0	12 0 0
Double Royal	56	"	...	...	...	...	...	12 0 0	14 0 0
News	62	"	...	...	...	...	...	13 0 0	15 0 0
News (Times Size)	66	"	...	...	...	...	...	14 0 0	16 0 0
News (extra size)	72	"	...	...	...	...	...	15 0 0	17 0 0

Each set (except the Paragon Moulds), comprises one 3 inches and one 2½ inches diameter.

*Roller Moulds of any dimensions made to order.*

## ROLLER COMPOSITION.

							£ s. d.
Roller Composition ready for use	...	...	...	...	...	per lb	0 0 8
Improved Glycerine Composition, ready for use	...	...	...	...	...	„	0 1 0

## SMEARING INK.

For coating the Rollers when not in use, thereby preventing the composition drying, and rendering the Rollers serviceable for a longer time ... .. per dozen lbs.

0 6 0

## MELTING KETTLES.

Improved Melting Kettle and Stirrer	...	...	...	...	...	...	1 0 0
Improved Melting Kettle and Stirrer, larger size	...	...	...	...	...	...	1 10 0
Improved Melting Kettle fitted for steam, with steam way and condensed water cocks, complete	...	...	...	...	...	...	2 2 0
Improved Steam Melting Kettle, double, on iron feet, with condensed water and air cocks, large cock to run off the composition, pouring-off kettle, strainer, &c., complete; suitable for large printing offices	...	...	...	...	...	...	25 0 0

## GLUE AND TREACLE.

Best Scotch Glue	...	...	...	...	...	..	per cwt.	4 10 0
Best Salisbury Glue	...	...	...	...	...	...	„	8 0 0
Best Treacle	...	...	...	...	...	...	„	1 7 6



## PRINTERS' BLANKETS.

### HUGHES & KIMBER, LIMITED,

Having made special arrangements with one of the FIRST WOOLLEN MANUFACTURERS in the West of England, are enabled to offer PRINTERS' BLANKETS at the following low prices. They are made of the very finest wool, and are more durable than those of ordinary make.

#### PRESS BLANKETS.

	INCHES.		FINE. s. d.	STOUT. s. d.
Foolscap Folio ... ..	16 × 11	PER PAIR.	3 0	3 9
Post Folio .. ...	17 × 12	"	3 7	4 6
Demy Folio ... ..	19 × 13	"	4 4	5 5
Foolscap Broadside ... ..	20 × 15½	"	5 4	6 8
Crown ... ..	22 × 17	"	6 6	8 2
Demy ... ..	25 × 19	"	7 6	9 6
Royal ... ..	27 × 21½	"	9 0	11 3
Super Royal ... ..	30 × 22	"	10 6	12 6
Double Crown... ..	35 × 23½	"	13 6	17 0
Double Demy ... ..	37 × 24	"	14 0	17 6
Double Royal ... ..	41 × 26	"	16 9	21 0
Extra size Double Royal ... ..	43 × 28	"	19 0	23 9

#### MACHINE BLANKETING.

FINE NAPIER.				STOUT NAPIER.			
		s. d.				s. d.	
56 inches wide	... per yard	11 8		56 inches wide	... per yard	18 8	
54 "	... "	11 3		54 "	... "	18 0	
48 "	... "	10 0		48 "	... "	16 0	
36 "	... "	7 6		36 "	... "	12 0	
27 "	... "	5 9		27 "	... "	9 0	

#### EXTRA STOUT NAPIER.

			s. d.				s. d.
63 inches wide	...	per yard	23 8	48 inches wide	...	per yard	18 0
60        ,,	...	,,	22 6	36        ,,	...	,,	13 6
54        ,,	...	,,	20 3	30        ,,	...	,,	11 3

Other widths at proportionate prices.

#### MACHINE BLANKETS CUT TO SIZE.

		£ s. d.
Fine Napier	... .. per square foot	1 0
Stout ditto	... .. "	1 6
Extra Stout ditto	... .. "	1 9
Patent India Rubber Blankets, 60 inches wide	... .. per yard	1 5 0
" " cut to size	... .. per square foot	2 0
Calico, 50 inches wide	... .. per yard	1 3

## PARCHMENTS AND CAMBRIC.

	INCHES.	s. d.		INCHES.	s. d.
Royal Octavo ...	16 x 13	1 0	Royal ...	32 x 27	3 0
Foolscap Folio ...	21 x 16	1 6	Super Royal ...	35 x 27	3 6
Post Folio ...	22 x 17	6	Double Crown ...	40 x 29	4 6
Demy Folio ...	24 x 18	1 6	Double Demy ...	42 x 29	5 0
Foolscap ...	25 x 20	1 9	Double Royal ...	46 x 31	6 0
Crown ...	27 x 22	1 9	Extra size Double		
Demy ...	30 x 24	2 6	Royal ...	48 x 33	7 0

Tympan Cambric 38 inches wide, per yard 2s. od.

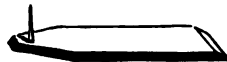
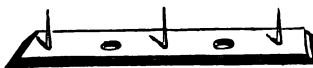
## PRESS GIRTHING.

		s. d.
Girthing for Demy Folio Press (or smaller) ...	per set	2 0
„ Foolscap or Crown ...	„	2 6
„ Demy or Royal ...	„	3 6
„ Super Royal ...	„	4 0
„ Double Crown ...	„	4 0
„ Double Demy (or larger) ...	„	4 6
Girthing, 1 inch wide ...	per yard	0 6
„ 1½ „ ...	„	0 7
„ 2 „ ...	„	0 8
„ 2½ „ ...	„	0 9

## PRESS POINTS.

	s. d.
Octavo ..	per pair 1 0
Octavo, Spring ...	„ 1 6
12-mo, Elbow ...	„ 1 6
12-mo, Elbow, Spring ...	„ 2 0
Paste Points ...	„ 1 0
Point Screws ...	„ 2 6

## MACHINE POINTS.

*For Register Color work.*

	s. d.		s. d.
With 1 spur ...	per pair 1 6	With 7 spurs ...	per pair 3 3
„ 2 „ ...	„ 1 10	Finger Points ...	„ 2 0
„ 3 „ ...	„ 2 2	Point Screws & Nuts (brass) „	2 6
„ 4 „ ...	„ 2 6	„ „ (iron) „	4 0
„ 5 „ ...	„ 2 9	Screw Points & Nuts (brass) „	4 0
„ 6 „ ...	„ 3 0	„ „ (iron) „	5 0

## PALETTE KNIVES.

	s. d.		s. d.
6 inch ...	0 10	9 inch ...	1 6
7 „ ...	1 0	10 „ ...	2 6
8 „ ...	1 3	12 „ ...	3 6

## OIL CANS AND OIL.

								s. d.	s. d.
Oil Can	...	...	...	...	...	...	from	1 0	to 2 6
Patent Oil Cans, with spring feeding valve	...	...	...	...	...	...	„	2 0	„ 4 0
Finest Lard Oil	...	...	...	...	...	...	per gallon		8 0

## ALBION PRESS SPRINGS.

				s. d.				s. d.
Royal Octavo	...	...	...	3 0	Royal	...	...	6 0
Foolscap Folio	...	...	...	3 0	Super Royal	...	...	6 6
Post Folio	...	...	...	3 6	Double Crown	...	...	7 0
Demy Folio	...	...	...	4 0	Double Demy	...	...	8 0
Foolscap	...	...	...	4 6	Double Royal	...	...	9 0
Crown	...	...	...	4 6	Extra Size Double Royal	...	...	10 0
Demy	...	...	...	5 0				

## ALBION PRESS FRISKETS.

				s. d.				s. d.
Royal Octavo	...	...	...	4 0	Royal	...	...	8 0
Foolscap Folio	...	...	...	4 6	Super Royal	...	...	8 6
Post Folio	...	...	...	4 9	Double Crown	...	...	9 6
Demy Folio	...	...	...	5 0	Double Demy	...	...	10 6
Foolscap	...	...	...	5 6	Double Royal	...	...	12 0
Crown	...	...	...	6 0	Extra Size Double Royal	...	...	14 0
Demy	...	...	...	7 0				

## ALBION PRESS TYMPANS,

*The Set complete with Point Screws.*

				£ s. d.				£ s. d.
Foolscap Folio	...	...	...	1 6 0	Royal	...	...	2 10 0
Post Folio	...	...	...	1 8 0	Super Royal	...	...	2 16 0
Demy Folio	...	...	...	1 12 0	Double Crown	...	...	3 0 0
Foolscap	...	...	...	1 16 0	Double Demy	...	...	3 10 0
Crown	...	...	...	2 0 0	Double Royal	...	...	4 0 0
Demy	...	...	...	2 4 0	Extra Size Double Royal	...	...	4 10 0

## MACHINE TAPE.

		s. d.			s. d.
$\frac{1}{16}$ inch	per piece of $\frac{1}{4}$ -gross yards	1 0	1 inch	per piece of $\frac{1}{4}$ -gross yards	3 0
$\frac{1}{8}$ "	"	1 0	$1\frac{1}{8}$ "	"	3 6
$\frac{3}{16}$ "	"	1 0	$1\frac{1}{4}$ "	"	4 0
$\frac{1}{4}$ "	"	1 6	$1\frac{3}{8}$ "	"	4 6
$\frac{5}{16}$ "	"	1 10	$1\frac{1}{2}$ "	"	4 9
$\frac{3}{8}$ "	"	2 3	$1\frac{3}{4}$ "	"	5 6
$\frac{7}{8}$ "	"	2 8	2 "	"	6 6

## LEATHER DRIVING BANDS.

## SINGLE BAND.

PER FOOT.		s. d.	PER FOOT.		s. d.	PER FOOT.		s. d.
1 inch ...	...	0 5	$2\frac{3}{4}$ inch ...	...	1 4	6 inch ...	...	3 0
$1\frac{1}{4}$ " ...	...	0 6	3 " ...	...	1 5	7 " ...	...	3 6
$1\frac{1}{2}$ " ...	...	0 7	$3\frac{1}{2}$ " ...	...	1 9	8 " ...	...	4 3
$1\frac{3}{4}$ " ...	...	0 9	4 " ...	...	2 0	9 " ...	...	5 0
2 " ...	...	0 11	$4\frac{1}{2}$ " ...	...	2 3	10 " ...	...	5 9
$2\frac{1}{4}$ " ...	...	1 0	5 " ...	...	2 6	11 " ...	...	6 6
$2\frac{1}{2}$ " ...	...	1 2	$5\frac{1}{2}$ " ...	...	2 9	12 " ...	...	7 0

## DOUBLE BAND.

3 inch ...	...	2 9	5 inch ...	...	4 6	9 inch ...	...	8 11
$3\frac{1}{2}$ " ...	...	3 3	6 " ...	...	5 4	10 " ...	...	10 0
4 " ...	...	3 8	7 " ...	...	6 6	11 " ...	...	11 6
$4\frac{1}{2}$ " ...	...	4 1	8 " ...	...	7 11	12 " ...	...	12 7

## LACES.

		s. d.			s. d.
2 feet long ...	per dozen	1 6	4 feet long ...	per dozen	4 0
$2\frac{1}{4}$ " ...	"	2 0	5 " ...	"	5 6
3 " ...	"	3 0	6 " ...	"	7 6
$3\frac{1}{2}$ " ...	"	3 6			

## GUT BANDS.

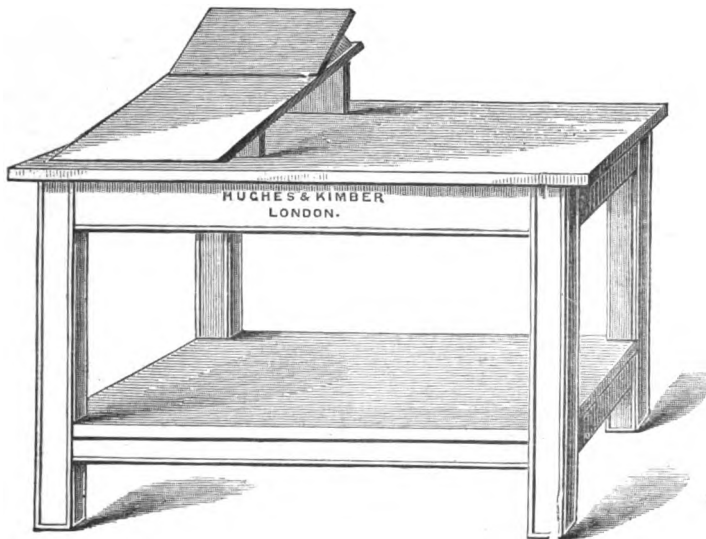
PER FOOT.		s. d.	PER FOOT.		s. d.	PER FOOT.		s. d.
$\frac{1}{4}$ inch ...	...	0 4	$\frac{3}{8}$ inch ...	...	0 9	$\frac{1}{2}$ inch ...	...	1 4
$\frac{5}{16}$ " ...	...	0 7	$\frac{1}{2}$ " ...	...	1 1	$\frac{3}{4}$ " ...	...	2 0

## HOOKS AND EYES FOR GUT BANDS.

PER PAIR.		s. d.	PER PAIR.		s. d.	PER PAIR.		s. d.
$\frac{1}{4}$ inch ...	...	1 0	$\frac{3}{8}$ inch ...	...	1 6	$\frac{1}{2}$ inch ...	...	2 9
$\frac{5}{16}$ " ...	...	1 3	$\frac{1}{2}$ " ...	...	2 0	$\frac{3}{4}$ " ...	...	3 9



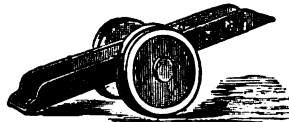
BANK AND HORSE.



		INCHES.								£	s.	d.
Folio	...	28	×	14	...	...	...	...	...	0	10	0
Crown	...	40	×	20	...	...	...	...	...	0	12	0
Demy	...	44	×	20	...	...	...	...	...	0	16	0
Double Crown	...	54	×	22	...	...	...	...	...	1	0	0
Double Demy	...				...	...	...	...	...	1	4	0
Drawers fitted extra	...				...	...	...	...	...	from 4s. od. to 8 0		

NOISELESS FORME CARRIAGE,

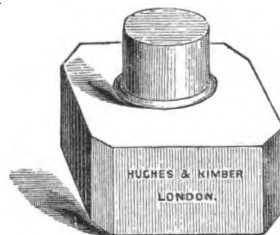
*With India Rubber Tyres.*



Price £1 1 0.

This is an invaluable aid in all offices, preventing the forme being jolted by dragging it along the ground, and preserving the flooring.

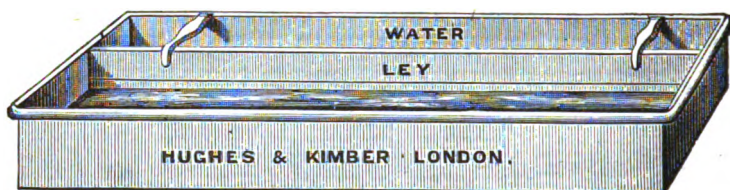
TYMPAN BEARERS.



These Bearers assist in producing a good impression, and effect considerable saving of time in making ready.

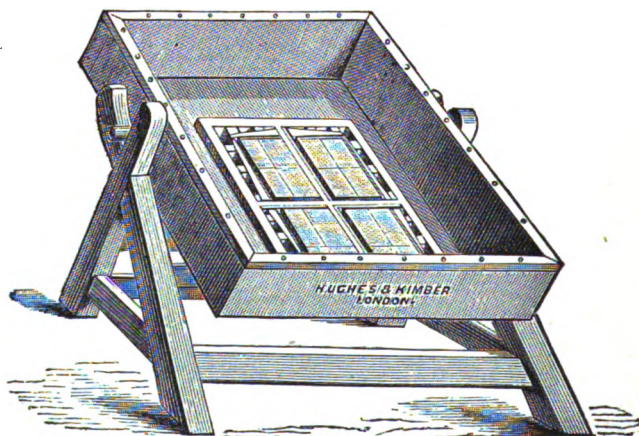
Price ... .. 7/6 the set of four.

## ROLLER WASHING AND RINSING TROUGH.



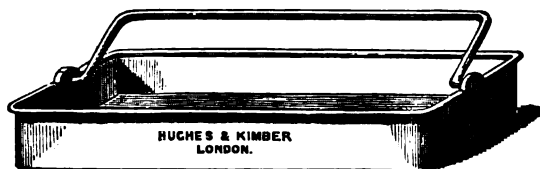
					WOOD, LEAD LINED.	CAST IRON.
					£ s. d.	£ s. d.
6 feet long, for News Machine Rollers	...	...	...	...	6 10 0	4 0 0
5 " Double Royal	"	...	...	...	5 10 0	3 10 0
4 " Double Demy	"	...	...	...	4 10 0	3 0 0
Wood Stand for ditto	...	...	...	...	12s.	
Iron ditto ditto	...	...	...	...	£1.	

## SWING LYE TROUGH AND STAND.



Swing Lye Trough and Stand, lined with lead, for Double Demy formes	...	...	...	...	£ s. d.
" " " smaller size	...	...	...	...	3 15 0
" " " smaller size	...	...	...	...	2 15 0

## GALLEY CAST-IRON LYE TROUGH.



Galley Lye Trough, 9 inches long, with swing handle	...	...	...	...	...	...	...	s. d.
" 11 "	"	...	...	...	...	...	...	5 6
" 13 "	"	...	...	...	...	...	...	6 6
Improved Galley Lye Trough, with false bottom to keep the brush out of the	...	...	...	...	...	...	...	7 6
Lye :- 9 inches long	...	...	...	...	...	...	...	6 0
" 11 "	"	...	...	...	...	...	...	7 6
" 13 "	"	...	...	...	...	...	...	9 0
Large Lye Trough	...	...	...	...	...	...	from	15 0
Forme Hook	...	...	...	...	...	...	...	3 0

## WASHING PREPARATIONS.

										£	s.	d.
Improved Lye Preparation, for cleaning Formes and Rollers without detriment to either Type or Composition, at a much smaller cost than												
Pearlash	...	...	...	...	...	...	...	per cwt.		1	5	0
Ditto, in quantities of 28 lbs.	...	...	...	...	...	...	...	per lb.		0	0	3
Pearlash	...	...	...	...	...	...	...	per cwt. 45/-	„	0	0	6
American Potash	...	...	...	...	...	...	...	„ 64/-	„	0	0	9
Caustic Soda	...	...	...	...	...	...	...	„	„	0	1	0
Turpentine	...	...	...	...	...	...	...	per gallon		0	4	0

*These prices vary with the market.*

## LYE AND PICK BRUSHES.

										s.	d.
Lye Brush, News size, 11½ in. × 3½ in., best quality bristles	...	...	...	...	...	...	...	...	...	5	6
„ Jobbing, 9½ in. × 3½ in., „	...	...	...	...	...	...	...	...	...	4	6
„ „ 6½ in. × 2½ in., „	...	...	...	...	...	...	...	...	...	2	6
Pick Brush 6½ in. × 2½ in., „	...	...	...	...	...	...	...	...	...	2	0
„ 4½ in. × 2½ in., „	...	...	...	...	...	...	...	...	...	1	0

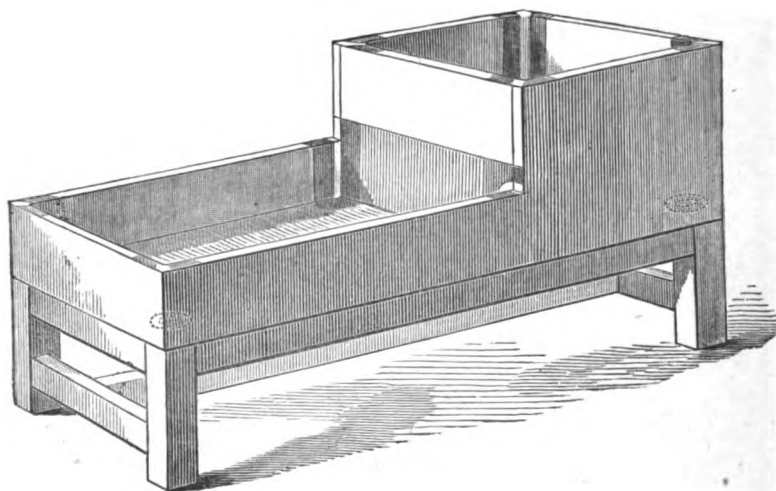
## LETTER BOARDS AND RACKS.

										£	s.	d.
Double Royal	...	...	...	...	...	...	...	per pair		0	18	0
Double Demy	...	...	...	...	...	...	...	„		0	15	0
Double Crown	...	...	...	...	...	...	...	„		0	12	0
Royal	...	...	...	...	...	...	...	„		0	10	0
Demy	...	...	...	...	...	...	...	„		0	9	0
Crown	...	...	...	...	...	...	...	„		0	8	0
Board Rack to hold 10 Demy Boards	...	...	...	...	...	...	...	...		0	17	6
„ 20 „	...	...	...	...	...	...	...	...		1	8	0
„ 10 Royal ditto	...	...	...	...	...	...	...	...		0	18	6
„ 20 „	...	...	...	...	...	...	...	...		1	12	0

## TYPE MEASURES.

										s.	d.
Flat Boxwood	...	...	...	...	...	...	...	...	...	3	6
„ Ivory	...	...	...	...	...	...	...	...	...	6	6
Folding Boxwood	...	...	...	...	...	...	...	...	...	4	6
„ Ivory, with all the bodies	...	...	...	...	...	...	...	...	...	8	0
„ „ to fold in four	...	...	...	...	...	...	...	...	...	9	6
Stationers' Ivory Rule, with sizes of all papers	...	...	...	...	...	...	...	...	...	8	6

## WETTING TROUGH AND SINK.



							£	s.	d.
Wetting Trough and Sink, lined with lead, Double Royal, 60 in. × 27 in. ...							6	15	0
„ „ „ Royal ...							5	5	0
„ „ lined with zinc „ ...							4	0	0

## WETTING BOARDS.

		INCHES.						PER PAIR	£	s.	d.
News ...	...	48 × 36	battened'	...	...	...	...	„	1	0	0
„ ...	...	„	flat	...	...	...	...	„	1	6	6
Double Royal		40 × 26	battened	...	...	...	...	„	0	15	0
„		„	flat	...	...	...	...	„	1	0	0
Double Demy		38 × 24	battened	...	...	...	...	„	0	13	6
„		„	flat	...	...	...	...	„	0	16	6
Double Crown		32 × 22	battened	...	...	...	...	„	0	9	6
„		„	flat	...	...	...	...	„	0	13	0
Super Royal ...		30 × 23	battened	...	...	...	...	„	0	9	6
„		„	flat	...	...	...	...	„	0	12	6
Royal ...	...	29 × 22	battened	...	...	...	...	„	0	8	6
„ ...	...	„	flat	...	...	...	...	„	0	12	0
Demy ...	...	26 × 19	battened	...	...	...	...	„	0	7	6
„ ...	...	„	flat	...	...	...	...	„	0	10	6
Crown ...	...	22 × 18	battened	...	...	...	...	„	0	6	6
„ ...	...	„	flat	...	...	...	...	„	0	9	6
Iron Paper Weight, with handle ...	...			...	...	...	...	...	0	8	0
„		„	much heavier	...	...	...	...	...	0	15	0

## PRINTING INKS.

## BLACK INKS, &amp;c.

For News, Machine, or Posters	...	...	PER DOZ.	6/-	8/-	10/-	12/-	15/-	18/-
For Bookwork, Press, &c.	...	...	"				18/-	20/-	24/-
For Standard Bookwork	...	...	"				30/-	36/-	48/-
Fine Quick Drying, for Enamel Cards and Surface Paper	...	...	"				30/-	36/-	48/-
Extra Fine, for ditto	...	...	"				48/-	54/-	60/-
Fine, for Woodcuts, &c.	...	...	"					24/-	36/-
Extra Fine, for ditto	...	...	"					60/-	72/-
Extra Superfine Spirit Black, for ditto	...	...	PER LB.						10/-
Glazed Black	...	...	"				2/6	to	6/6
Fine Bright Varnish	...	...	PER GALL.				8/-		10/-
" Pale ditto	...	...	"				12/-		15/-
Burnt Oil	...	...	"				6/-	6/6	7/-

Tint Inks of every Shade or Colour, 3/- to 30/- per lb.

Preparation for Leaf Metal, Bronze, and Dusting Colours, 5/- per lb.

Cameo Ink in all Colours.

## FINE COLOURED INKS.

	PER LB.		PER LB.
Light Green	3/- to 5/-	Green Emerald Tint	5/-
Medium do.	3/- " 5/-	Light Brown	3/- to 5/-
Dark do.	3/- " 5/-	Dark Brown	3/- " 5/-
Red	4/- " 10/-	Brown Lake	5/- " 7/6
Scarlet Lake	10/- " 30/-	Lavender	5/- " 7/6
Crimson do.	10/- " 30/-	Mauve	7/6 " 30/-
Yellow	3/- " 5/-	Magenta	7/6 " 16/-
Orange	3/- " 5/-	Pink	7/6 " 10/-
Deep Orange	3/- " 5/-	Carmin	40/- " 60/-
Ultramarine Blue	2/6 " 10/-	Glazed Red	4/6 " 6/6
Chinese Blue	5/- " 7/6	Glazed Green	4/6 " 6/6
Bronze Blue	5/- " 7/6	Glazed Yellow, all Shades	2/6 " 6/-

## COLOURED INKS.

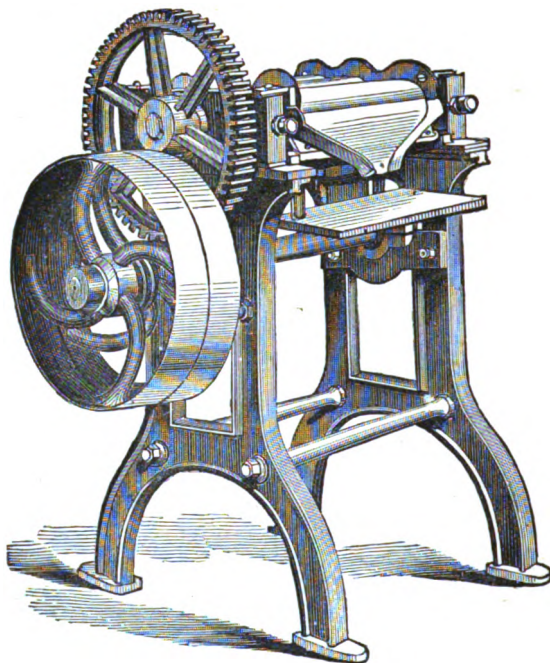
FOR SHOWBOARDS, POSTERS, &amp;c.

	PER LB.		PER LB.
Light Green	1/6 to 2/6	Dark Blue	1/6 to 3/-
Medium Green	1/6 " 2/6	Light Brown	1/6 " 3/-
Dark Green	1/6 " 2/6	Dark "	1/6 " 3/-
Red	1/6 " 4/-	Chocolate	1/6
Deep Crimson	7/6	Lavender	3/- " 5/-
Pale Chrome	1/6 " 2/6	Mauve	2/6
Deep "	1/6 " 2/6	Light Mauve	2/-
Ultramarine Blue	1/6 " 3/-	Magenta	2/6
Light Blue	1/6 " 3/-	Light Magenta	2/-

Inks made to any Colour and for every Climate.

LITHOGRAPHIC INKS	...	see page	118
" VARNISH	...	"	118
BRONZE POWDERS	...	"	119
LEAF METAL...	...	"	120

## INK-GRINDING MILL.



This Mill is of great power, being specially constructed for grinding the stiffest Coloured and Black Lithographic and other Inks, without fear of breakage.

It has rollers of the best scrap iron, with flanges on centre roller to prevent the Ink from running over the sides, gun metal bearings, double gear, fast and loose pulleys, &c.

LENGTH OF ROLLERS.								£	s.	d.
12 inches	...	...	...	...	...	...	...	30	0	0
14 "	...	...	...	...	...	...	...	35	0	0
16 "	...	...	...	...	...	...	...	42	0	0
18 "	...	...	...	...	...	...	...	50	0	0

*Larger sizes to order.*

## INK-GRINDING MILL,

*With Granite Rollers.*

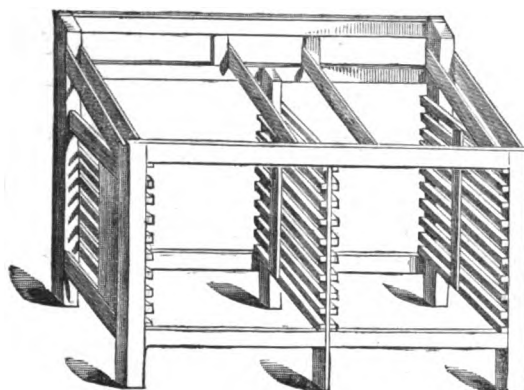
Granite Rollers are recommended for delicate colours, such as Cobalt, Carmine, &c.

LENGTH OF ROLLERS.								£	s.	d.
12 inches	...	...	...	...	...	...	...	40	0	0
14 "	...	...	...	...	...	...	...	45	0	0
16 "	...	...	...	...	...	...	...	52	0	0
18 "	...	...	...	...	...	...	...	60	0	0



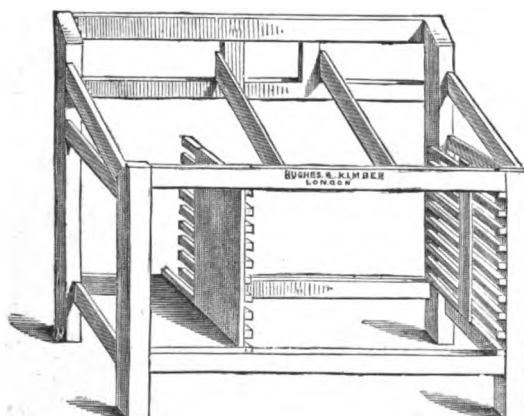
# COMPOSING FRAMES.

## DOUBLE FRAME, WITH DOUBLE RACK.



	£	s.	d.
Double Frame, with Rack accommodation for 18 Cases ... ..	1	5	0
„ 24 „ and 2 correcting and 2 sliding emptying galley-rests ... ..	2	5	0
„ with Rack accommodation for 24 Cases, and 2 correcting and 2 sliding emptying galley-rests, with internal rack for galleys at end of frame ... ..	3	5	0

## WHOLE FRAME, WITH RACK.



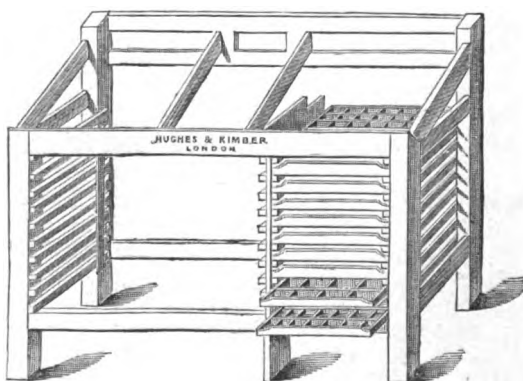
	£	s.	d.
Whole Frame, with Rack ... ..	0	17	0
„ „ best (put together with iron screws) ... ..	1	0	0
„ without Rack best ... ..	0	14	0
„ „ best ... ..	0	19	0
„ with extra deep Rack for 16 Cases, and internal Galley Rack at the end ... ..	2	0	0
„ ditto ditto ditto fitted with 2 correcting galley-rests ... ..	2	7	6
„ for jobbing, with extra deep Case Rack and diagonal Boards for Galleys, or Trays for Wood Letter, Cuts, &c., Half-Cases for small Founts, Peculiars, Accents, &c. ... from	2	5	0

## WHOLE FRAME, WITH RACK AND DRAWERS.



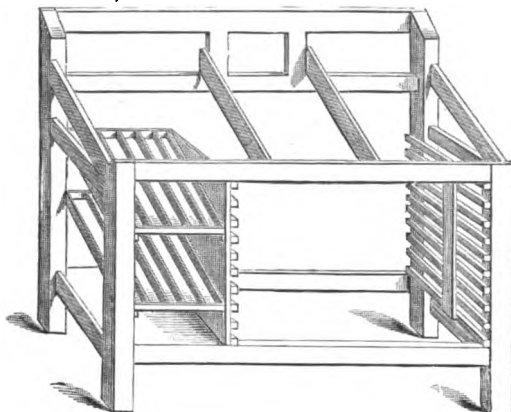
			£	s.	d.		£	s.	d.
Whole Frame, with Rack and Drawer ...	...	ordinary	0	19	0	best	1	5	0
"	"	3 Drawers	1	5	0	"	1	11	6
"	"	4 "	1	8	0	"	1	15	0
"	"	5 "	1	11	6	"	1	18	6
"	"	6 "	1	15	0	"	2	2	0
"	with Rack in middle, and 5 strong dove-tailed Drawers on each side, with iron handles, all enclosed				2	8	0		

## WHOLE FRAME, WITH RACKS AND HALF-CASES.

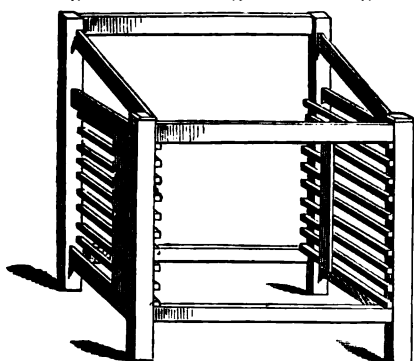


			£	s.	d.
Whole Frame, ordinary, with Racks for Cases and Half Cases ..	...	...	0	19	6
" best	"	"	1	3	0
" ordinary, fitted with 9 Half Cases	...	...	2	2	0
" best, " 9 Sliding Trays	...	...	1	16	0
" " 9 Half Cases	...	...	2	6	6
" " 9 Sliding Trays	...	...	2	0	6

WHOLE FRAME, WITH RACK AND RANDOM GALLEYS.



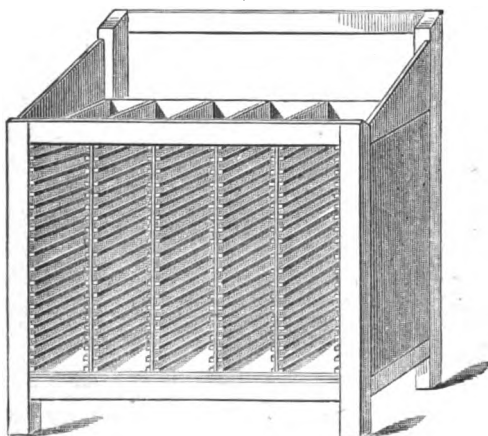
Whole Frame, with Rack and Random Galley	...	...	...	...	£	s.	d.
" " 2 "	...	...	...	...	1	0	0
" " 2 "	...	...	...	...	1	4	0



THREE-QUARTER FRAME,  
WITH RACK.

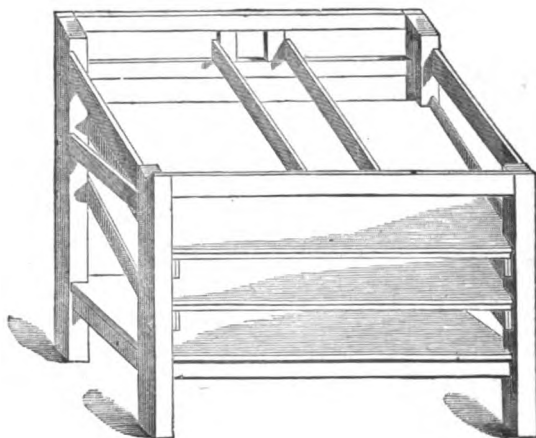
Three-Quarter Frame, with	£	s.	d.
Rack for 9 Cases	...	0	12 6
Ditto, without Rack	...	0	10 0
Ditto, with Galley Rack for	...	...	...
50 Galleys...	...	2	10 0

GALLEY RACK.



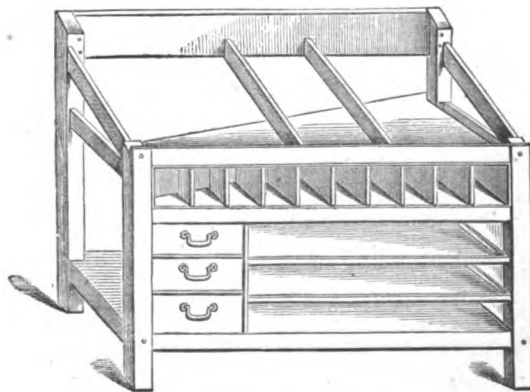
Galley Rack, forming Half-Frame for one pair Cases	...	...	...	£	s.	d.
" " Whole " two "	...	...	...	2	10	0
" to hold 30 News Galleys, to go between 2 Frames	...	...	...	1	5	0
" " 15 Galleys	...	...	...	1	0	0
" " 20 "	...	...	...	1	12	0

## FRAME, WITH RANDOM GALLEYS.



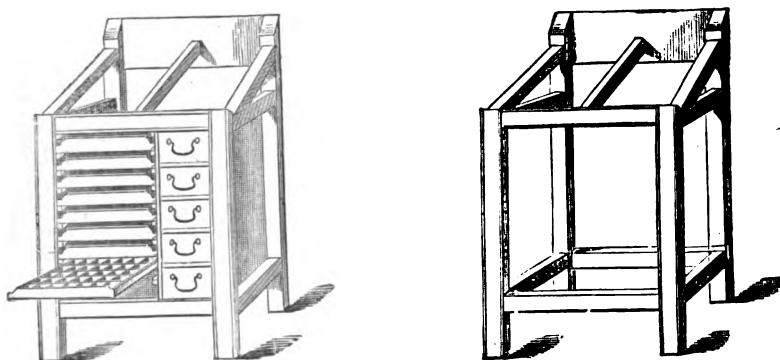
	£	s.	d.
Frame, with 2 Random Galleys ... ..	1	4	6
„ 1 „ „ and bottom board ... ..	1	0	0

## FRAME, WITH RANDOM GALLEYS, AND PIGEON HOLES.



	£	s.	d.
With Pigeon Holes for the most useful sizes of Reglet, and two Random Galleys ... ..	1	15	0
With Pigeon Holes for Reglet, Rack for six Cases, and three strong Drawers ... ..	1	17	0
With Pigeon Holes for Reglet, and bottom Board ... ..	1	14	0

## HALF FRAMES.



	£	s.	d.
Half Frame, without Rack ... ..	0	10	0
„ with Rack and 5 Drawers* ... ..	1	15	0
„ with 9 Half Cases and 5 Drawers* ... ..	2	17	6
Cabinet Half Frame, to hold a pair of Cases, or a Brass Rule and Lead Case on top, with Trays in Rack underneath, made strong for standing matter, cuts, wood letter, &c. ... ..	3	3	0

\* If the Drawers are partitioned for Leads, a small additional charge is made.

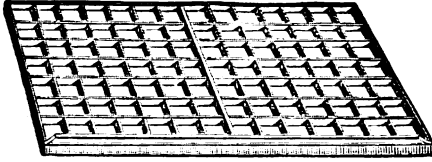
## MAKING-UP FRAMES.

	£	s.	d.
Making-up Frame, size of Whole Frame, with random top and boards under, for Galleys ... .. from	4	4	0
News Making-up Frame, with correcting rests and boards or racks for Galleys ..	5	5	0

## FRAMES FOR WOOD LETTER.

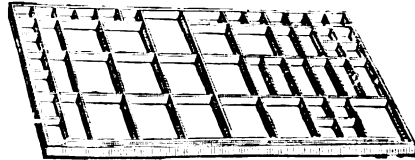
	£	s.	d.
Whole Frame, with Rack made full length to take in trays for Wood Letter...	0	18	0
Trays for ditto, 47 inches long ... .. each	0	4	0

## CASES.



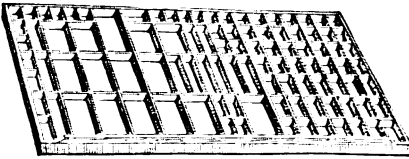
UPPER AND LOWER CASES.

	s.	d.
Upper and Lower Cases, ordinary per pair	6	0
„ best „	7	6



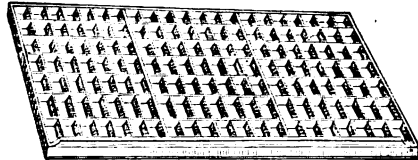
DOUBLE CASES.

	s.	d.
Each ... .. ordinary	4	0
„ .. .. best	5	0



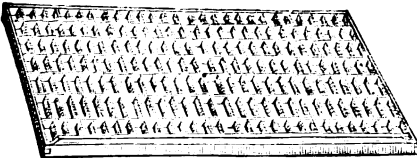
TREBLE CASES.

	s.	d.
Each ... .. ordinary	4	0
„ ... .. best	5	0



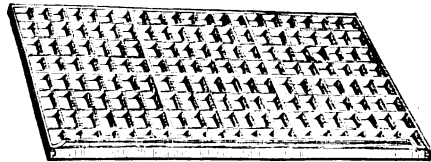
FOUR-FOUNT CASES.

	s.	d.
Each ... ..	5	6



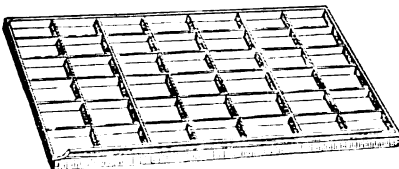
SIX-FOUNT CASES.

	s.	d.
Each ... ..	7	6



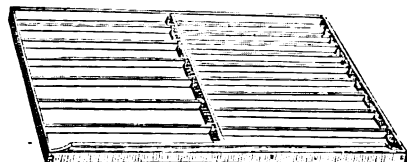
IMPROVED JOBBING CASES.

These Cases are very useful for Jobbing Type. The boxes are much larger than in an ordinary Upper Case, and are made extra strong, to hold heavy weights each 5 0



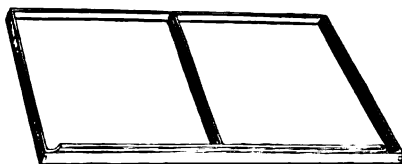
SANSPARIEL CASES.

	s.	d.
With moveable Bars, for large Jobbing Founts ... .. each	5	0
Without bars ... .. „	3	0
Half Sanspariel Cases ... .. „	1	6



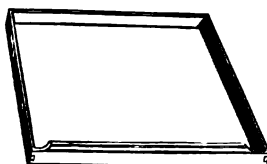
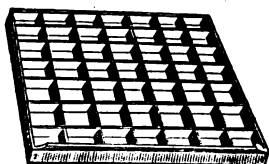


RANDOM CASES,



For Ornaments, &c. ... .. each s. d.  
3 0

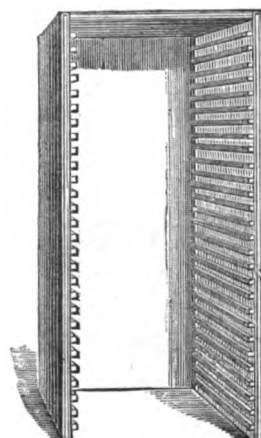
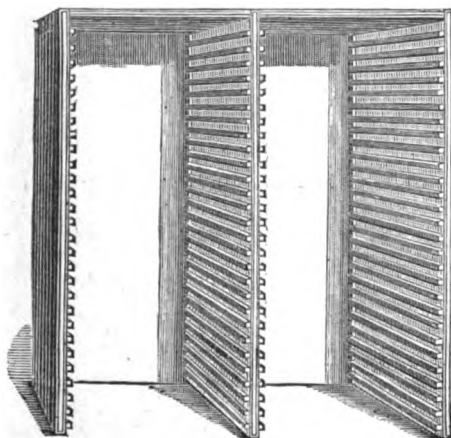
HALF CASES.



Half Case ... .. s. d.  
3 0  
 „ open, for Ornaments, &c. ... .. 2 0

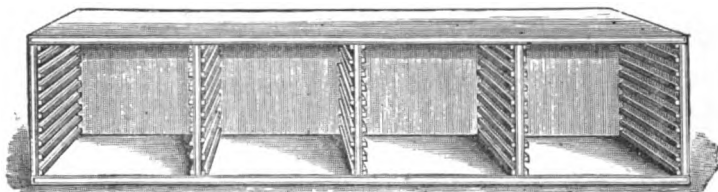
											£	s.	d.
Large Size Fount Cases	...	...	...	...	...	...	per pair	1	6	0			
Common Size „	...	...	...	...	...	...	„	0	16	0			
Greek Cases ...	...	...	...	...	...	...	„	0	15	0			
Hebrew Cases ...	...	...	...	...	...	...	„	0	15	0			
Music Cases ...	...	...	...	...	...	...	„	0	15	0			
Albert Text Cases	...	...	...	...	...	...	„	0	10	0			
„ double	...	...	...	...	...	...	each	0	10	0			
Flower or Border, or for founts of Large Letter	...	...	...	...	...	...	„	0	4	6			
Figure Cases ...	...	...	...	...	...	...	„	0	4	6			

CASE RACKS.



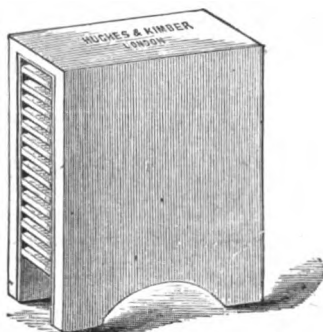
Double Case Rack for 56 Cases ... .. £ s. d.  
1 18 0  
 Single Case Rack for 28 „ ... .. 1 0 0

## COUNTER CASE RACKS.



Counter Case Rack to hold 36 Cases ... .. £ s. d.  
2 12 6

## GALLEY RACK.



Galley Rack to hold 15 Galleys ... .. £ s. d.  
" 20 " ... .. 1 0 0  
" ... .. 1 12 0

## MAHOGANY STEREO BLOCKS,

*With Brass Catches.*

		£	s.	d.			£	s.	d.
Royal 4-to	... per half-sheet	0	12	0	Demy 4-to	... per half-sheet	0	10	0
" 8-vo	... "	0	16	0	" 8-vo	... "	0	12	0
" 12-mo	... "	0	18	0	" 12-mo	... "	0	14	0
" 18-mo	... "	1	2	0	" 18-mo	... "	0	18	0
" 32-mo	... "	1	16	0	" 32-mo	... "	1	12	0

*With End Catches, 6d. per block extra.*

*Other sizes to order.*

## MAHOGANY STEREO BLOCKS,

*With Brass Rule Borders screwed on and grooved for the Stereo Plate, and mock mitred.*

		INCHES.		s.	d.
Demy 8-vo	... ..	7½ × 4½	... ..	3	3
" 12-mo	... ..	6½ × 3½	... ..	3	0
Size of "All the Year Round"	... ..	8½ × 5	... ..	3	6

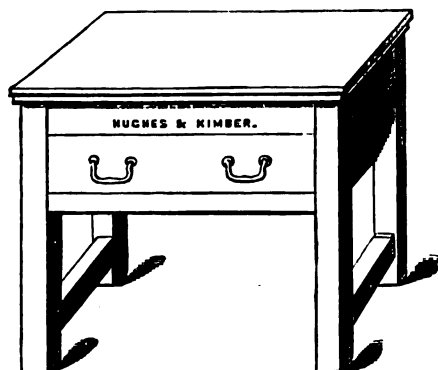
## METAL STEREO BLOCKS.

		s.	d.
Metal Stereo Blocks, all sizes	... .. per lb.	0	8
Brass Catches for ditto	... .. per dozen	1	0
"	... .. per gross	10	0

The weight of a page made up, Demy 8-vo. is 5½ lbs.  
" " Demy 12-mo. 3½ "

# IRON IMPOSING SURFACE,

*With Frame.*



The Iron Surface is planed, and the Frame of best Yellow Deal, fitted with Oak Runners. and put together with strong Iron Screws.

	FT.	IN.	FT.	IN.		£	s.	d.
Demy ... ..	2	0	×	1	6 with 1 drawer	3	0	0
Royal ... ..	2	6	×	2	0 " 1 "	3	15	0
Double Crown ... ..	3	0	×	2	2 " 1 "	4	10	0
Double Demy ... ..	3	4	×	2	4 " 2 "	5	0	0
Double Royal ... ..	4	8	×	2	4 " 2 "	7	10	0
News Double Royal ... ..	4	0	×	2	7 " 2 "	8	10	0
Extra Size News ... ..	4	8	×	3	1 " 2 "	10	0	0
Treble Royal ... ..	6	0	×	2	7 " 3 "	11	10	0
Extra Size ditto ... ..	6	0	×	3	0 " 3 "	13	10	0
Four Royal ... ..	8	0	×	2	7 " 4 "	16	0	0
Extra Size ditto ... ..	8	0	×	3	0 " 4 "	19	0	0

# STONE IMPOSING SURFACE,

*With Frame.*

	FT.	IN.	FT.	IN.		£	s.	d.
Royal ... ..	2	6	×	2	0 with 1 drawer	2	10	0
Double Crown ... ..	3	0	×	2	2 " 1 "	3	0	0
Double Demy ... ..	3	4	×	2	4 " 2 "	4	0	0
Double Royal ... ..	4	8	×	2	4 " 2 "	5	0	0

*Surfaces, either Stone or Iron, made to any size, and, where more convenient, the Drawers can be made to draw out at the ends instead of the sides, without extra charge.*

Frames made with Board, Galley and other Racks under, to order.

# CAST IRON CHASES,

*With Fixed Crosses, Warranted Correct for Register.*

	INCHES.					£	s.	d.
Double Royal, for 8-vo.	38 × 26	inside	...	...	per pair	1	2	0
Double Demy "	36. × 24	"	...	...	"	1	0	0
Double Crown "	32 × 21½	"	...	...	"	0	18	0
Double Foolscap "	29 × 19	"	...	...	"	0	16	0
Super Royal "	28 × 21	"	...	...	"	0	16	0
Royal "	26 × 20½	"	...	...	"	0	15	0
Demy "	24 × 19	"	...	...	"	0	13	6
Chancery Bill "	26½ × 13½	"	...	...	"	0	12	0
Crown "	21 × 17	"	...	...	"	0	11	0
Foolscap "	19 × 15	"	...	...	"	0	10	0
Foolscap, with one short-cross for Bill Work			...	...	"	0	8	0

## CAST IRON CHASES,

*Without Crosses.*

	INCHES.								£	s.	d.
Double Royal	38 × 26	inside	...	...	...	...	...	each	0	10	0
Double Demy	36 × 24	"	...	...	...	...	...	"	0	9	0
Double Crown	32 × 21½	"	...	...	...	...	...	"	0	8	6
Double Foolscap	29 × 19	"	...	...	...	...	...	"	0	7	6
Super Royal	28 × 21	"	...	...	...	...	...	"	0	7	6
Royal	26 × 20½	"	...	...	...	...	...	"	0	7	0
Demy	24 × 19	"	...	...	...	...	...	"	0	6	6
Crown	21 × 17	"	...	...	...	...	...	"	0	5	0
Foolscap	19 × 15	"	...	...	...	...	...	"	0	4	6
Heading	32½ × 7½	"	...	...	...	...	...	"	0	8	0
"	25½ × 7	"	...	...	...	...	...	"	0	6	0
"	24 × 6	"	...	...	...	...	...	"	0	5	6
"	21 × 4	"	...	...	...	...	...	"	0	4	6
"	17 × 4	"	...	...	...	...	...	"	0	4	0
Royal Folio	21 × 13½	"	...	...	...	...	...	per pair	0	7	0
Medium "	20 × 11	"	...	...	...	...	...	"	0	7	0
Demy "	19 × 12½	"	...	...	...	...	...	"	0	6	8
Post "	15½ × 10½	"	...	...	...	...	...	"	0	5	6
Foolscap "	15 × 9½	"	...	...	...	...	...	"	0	5	0
Royal Quarto	13 × 11	"	...	...	...	...	...	"	0	5	0
Demy "	10 × 12	"	...	...	...	...	...	"	0	4	4
Post "	9½ × 7½	"	...	...	...	...	...	"	0	3	4
Demy Octavo	9½ × 6	"	...	...	...	...	...	"	0	2	8
Crown "	8½ × 5½	"	...	...	...	...	...	"	0	2	4
Card	5½ × 3½	"	...	...	...	...	...	"	0	1	6
"	5½ × 4½	"	...	...	...	...	...	"	0	1	6

## WROUGHT IRON CHASES,

*With Moveable Crosses, Warranted Perfectly True.*

	INCHES.								£	s.	d.
Double Royal, for 8-vo.	38 × 26	inside	...	...	...	...	...	per pair	1	16	6
Double Demy "	36 × 24	"	...	...	...	...	...	"	1	10	6
Double Crown "	32 × 21½	"	...	...	...	...	...	"	1	4	6
Double Foolscap "	29 × 19	"	...	...	...	...	...	"	1	2	0
Super Royal "	28 × 21	"	...	...	...	...	...	"	1	2	0
If cut for 12-mo. in addition									0	1	6
Royal, cut for 8-vo. and 12-mo.	26 × 20½	inside	...	...	...	...	...	"	1	1	0
Demy "	24 × 19	"	...	...	...	...	...	"	0	19	0
Crown or Post "	21 × 17	"	...	...	...	...	...	"	0	15	6
Foolscap "	19 × 15	"	...	...	...	...	...	"	0	13	6
If cut for 18-mo. in addition									0	1	6
Post, with one short-cross	...	...	...	...	...	...	...	"	0	12	0

## WROUGHT IRON CHASES,

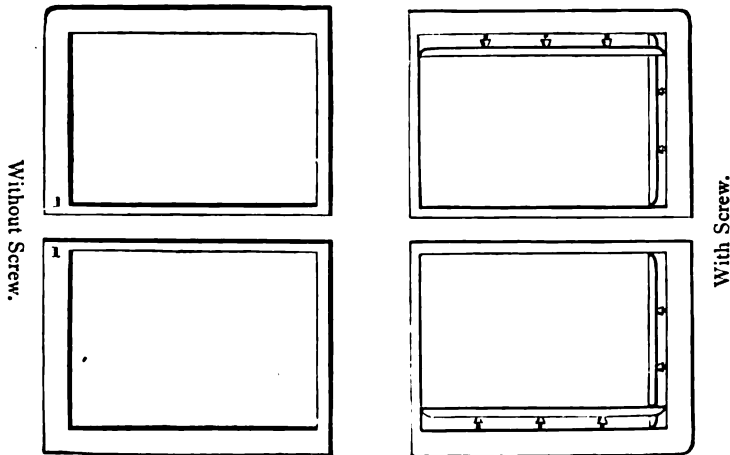
*Without Crosses.*

									£	s.	d.
Broadside, any size	...	...	...	...	...	...	...	per lb.	0	0	9
Demy Slip	24 × 9	inside	...	...	...	...	...	each	0	7	6
Double Crown "	31½ × 10	"	...	...	...	...	...	"	0	10	6
Double Demy "	36 × 12	"	...	...	...	...	...	"	0	12	6
Foolscap, for Brokers' Catalogues	...	...	...	...	...	...	...	per pair	0	9	0
Folio	...	...	...	...	...	...	...	"	0	6	6
Quarto	...	...	...	...	...	...	...	"	0	4	6
Octavo	...	...	...	...	...	...	...	"	0	3	0
Card	...	...	...	...	...	...	...	"	0	2	0

CHASES OF ANY SIZE MADE TO ORDER.

In ordering Chases of any particular size to fit Presses, the measurement of table between the corner-irons should be given ; if for machine, the full size of the table is required.

## WROUGHT IRON NEWS FOLDING CHASES.

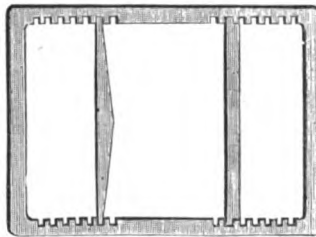


						£	s.	d.
Wrought Iron Newspaper Folding Chases...	...	...	...	...	per lb.	0	0	10
Wrought Iron Newspaper Side and Footsticks	...	...	...	...	per in.	0	0	2
Screws for ditto	...	...	...	...	each	0	1	6
Steel Wrenches for Screws	...	...	...	...	"	0	2	6

In Ordering Folding Chases, give the dimensions internally, the size of the machine table, and the thickness where they go together. It is necessary to know the size of the Screw Chases before giving Price.

Machine Chases with screws fitted instead of sidesticks, 11d. per lb.

## WROUGHT IRON RACK CHASES.

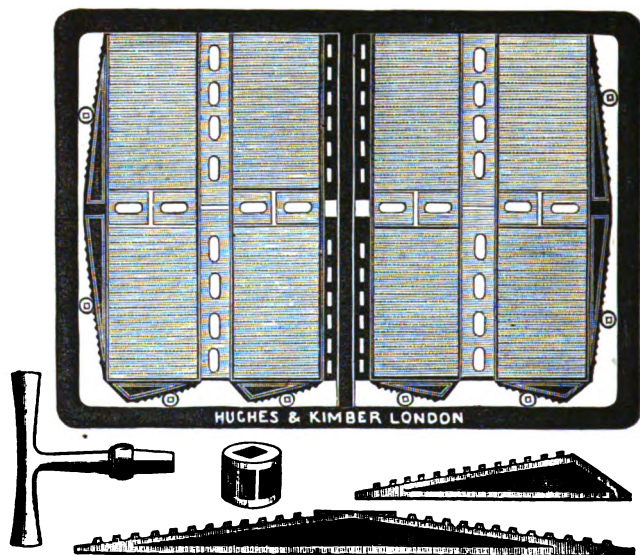


To fit Foolscap	Press	...	...	...	...	...	each	£	s.	d.
" Crown	"	...	...	...	...	...	"	0	12	6
" Demy	"	...	...	...	...	...	"	0	14	6
" Royal	"	...	...	...	...	...	"	0	18	6
" Double Crown	"	...	...	...	...	...	"	1	0	0
" Double Demy	"	...	...	...	...	...	"	1	4	6
" Double Royal	"	...	...	...	...	...	"	1	8	0
" Extra size Double Royal Press	"	...	...	...	...	...	"	1	11	6
" Demy Folio Machine	"	...	...	...	...	...	"	1	15	0
" Crown	"	...	...	...	...	...	"	0	12	6
" Demy	"	...	...	...	...	...	"	0	14	6
" Royal	"	...	...	...	...	...	"	0	18	6
" Double Crown	"	...	...	...	...	...	"	1	0	0
" Double Demy	"	...	...	...	...	...	"	1	4	6
" Double Royal	"	...	...	...	...	...	"	1	8	0
" News	"	...	...	...	...	...	"	1	11	6
		...	...	...	...	...	"	2	0	0

Rack Chases made to fit any size Machine.

In ordering Rack Chases, the full size of the table should be given.

## PATENT LOCKING-UP APPARATUS.



This Patent LOCKING-UP APPARATUS dispenses with wooden side and foot sticks, mallet and shooter, and wooden quoins. As a means of locking up formes, it is so powerful, that it may be accomplished without any greater effort than that required for opening or shutting a good lock; yet it acts with perfect regularity, and nothing can be more simple or secure.

By the employment of this LOCKING-UP APPARATUS, formes may be kept standing for any length of time, as it is not affected either by dryness or humidity, like the wooden quoin: once tightened, it cannot, by any possibility, become loosened of itself.

This useful invention is composed of a quoin or side and foot stick in tempered metal provided with teeth; and the apparatus completed by a cog with corresponding teeth, which is turned by a key introduced into its middle.

## LOCKING-UP APPARATUS, WITH SIMPLE MECHANICAL ARRANGEMENT.

		s.	d.
The Complete Apparatus, 4 inches long	...	...	0 7
" " 4½ "	...	...	0 8
" " 5½ "	...	...	0 9

## LOCKING-UP APPARATUS, WITH DOUBLE MECHANICAL ARRANGEMENT.

## THE COMPLETE APPARATUS,

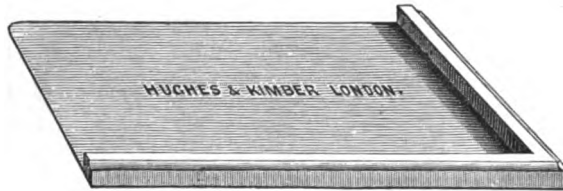
	s.	d.		s.	d.		s.	d.
6½ inches long	...	1 1	15 inches long	...	3 0	23½ inches long	...	6 11
7 "	...	1 2	15½ "	...	3 2	24 "	...	7 2
7½ "	...	1 3	16 "	...	3 4	24½ "	...	7 5
8 "	...	1 4	16½ "	...	3 6	25 "	...	7 8
8½ "	...	1 5	17 "	...	3 8	25½ "	...	8 2
9 "	...	1 6	17½ "	...	3 10	26 "	...	8 6
9½ "	...	1 7	18 "	...	4 1	26½ "	...	8 9
10 "	...	1 9	18½ "	...	4 3	27 "	...	9 0
10½ "	...	1 11	19 "	...	4 6	27½ "	...	9 2
11 "	...	2 0	19½ "	...	4 9	28 "	...	9 5
11½ "	...	2 1	20 "	...	5 1	28½ "	...	9 6
12 "	...	2 2	20½ "	...	5 3	29 "	...	9 8
12½ "	...	2 3	21 "	...	5 5	29½ "	...	9 10
13 "	...	2 4	21½ "	...	5 8	30 "	...	10 0
13½ "	...	2 6	22 "	...	5 11	30½ "	...	10 2
14 "	...	2 8	22½ "	...	6 3	31 "	...	10 4
14½ "	...	2 10	23 "	...	6 6			

Keys, 2s. each.



## GALLEYS.

## MAHOGANY JOBBING GALLEY.



	INCHES.								£ s. d.
Demy Octavo	8½ × 5½	inside	...	...	...	...	...	...	0 1 6
Royal "	10 × 6	"	...	...	...	...	...	...	0 2 0
Foolscap Quarto	10 × 7	"	...	...	...	...	...	...	0 2 0
Demy "	13 × 9	"	...	...	...	...	...	...	0 3 0
Royal "	15 × 10	"	...	...	...	...	...	...	0 3 0
Crown Folio	16 × 10	"	...	...	...	...	...	...	0 3 4
Demy "	18 × 11	"	...	...	...	...	...	...	0 3 6
Foolscap Broadside	19 × 12	"	...	...	...	...	...	...	0 4 6
Royal Folio	21 × 13	"	...	...	...	...	...	...	0 5 0
Ditto, with moveable slip	...	...	...	...	...	...	...	...	0 5 6
Demy Folio Slice Galley	...	...	...	...	...	...	...	...	0 9 0
Demy Broadside ditto	...	...	...	...	...	...	...	...	0 16 6

## ZINC-BOTTOM JOBBING GALLEY.

	INCHES.								£ s. d.
Demy Octavo	8½ × 5½	inside	...	...	...	...	...	...	0 2 3
Demy Quarto	13 × 9	"	...	...	...	...	...	...	0 3 6
Post Folio	16 × 10	"	...	...	...	...	...	...	0 4 6
Post Quarto	10 × 8½	"	...	...	...	...	...	...	0 3 0
Demy Folio	18 × 11	"	...	...	...	...	...	...	0 5 0
Foolscap Folio	14 × 9	"	...	...	...	...	...	...	0 4 0

## ZINC-BOTTOM JOBBING COLUMN GALLEY,

*With Mahogany Rims on three sides, and Corner Plates, similar to a Column Galley.*

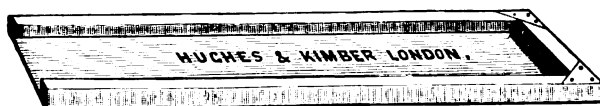
	INCHES.								£ s. d.
Demy Octavo	9 × 6	inside	...	...	...	...	...	...	0 2 8
Royal "	10½ × 7½	"	...	...	...	...	...	...	0 2 9
Post Quarto	10 × 8½	"	...	...	...	...	...	...	0 3 6
Demy "	12 × 9½	"	...	...	...	...	...	...	0 4 0
Royal "	13 × 10½	"	...	...	...	...	...	...	0 4 6
Foolscap Folio	14 × 9	"	...	...	...	...	...	...	0 4 6
Post "	16 × 10	"	...	...	...	...	...	...	0 5 0
Demy "	18 × 10½	"	...	...	...	...	...	...	0 6 0
Royal "	20 × 13	"	...	...	...	...	...	...	0 6 6

## MAHOGANY SLIP GALLEY.



	INCHES.								£ s. d.
Royal	21 × 5	inside	...	...	...	...	...	...	0 2 6
Demy	18 × 5	"	...	...	...	...	...	...	0 2 0
	24 × 6	"	...	...	...	...	...	...	0 2 9
	18 × 7	"	...	...	...	...	...	...	0 2 6

## ZINC-BOTTOM COLUMN GALLEY

*With Mahogany Rims and Corner Plates.*

INCHES.						£	s.	d.
23 × 4½	inside	...	...	...	...	0	4	0
25 × 4½	„	...	...	...	...	0	4	6
23 × 5½	„	...	...	...	...	0	4	6
25 × 5½	„	...	...	...	...	0	5	0
25 × 6½	„	...	...	...	...	0	5	6
27 × 4½	„	...	...	...	...	0	5	6
30 × 4½	„	...	...	...	...	0	6	0

## ZINC-BOTTOM COLUMN GALLEY,

*With Mahogany Rims lined all round with Zinc, and Corner Plates.*

INCHES.						£	s.	d.
24 × 4½	inside	...	...	...	...	0	6	0
26 × 4½	„	...	...	...	...	0	7	0
28 × 4½	„	...	...	...	...	0	8	0
30 × 4½	„	...	...	...	...	0	9	0

## BRASS-BOTTOM COLUMN GALLEY,

*With Mahogany Rims and Corner Plates.*

INCHES.						£	s.	d.
23 × 4½	inside	...	...	...	...	0	8	0
25 × 4½	„	...	...	...	...	0	9	0
27 × 4½	„	...	...	...	...	0	10	0

## BRASS-BOTTOM COLUMN GALLEY,

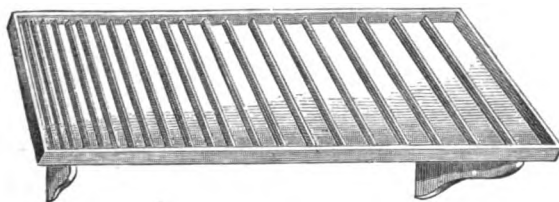
*With Mahogany Rims lined all round with Brass, and Corner Plates.*

INCHES.						£	s.	d.
24 × 4½	inside	...	...	...	...	0	10	0
26 × 4½	„	...	...	...	...	0	11	0
28 × 4½	„	...	...	...	...	0	12	0

## SOLID BRASS COLUMN GALLEY.

INCHES.						£	s.	d.
24 × 4½	inside	...	...	...	...	0	18	0
26 × 4½	„	...	...	...	...	1	0	0
28 × 4½	„	...	...	...	...	1	1	0

# LEAD RACK.



	£	s.	d.
Lead Rack, with Stout Bracket Supports to fix against a wall; holds about 200 lbs. of Leads, from 4 to 26 ems	1	7	6
Ditto, larger size, to hold about 10 owt. of Leads	4	0	0

# LEADS.

	£	s.	d.
4 to Pica	0	0	6
6 „	0	0	8
8 „	0	1	0
10 „	0	3	0
12 „	0	5	0

Stereo Leads, same prices as above.

# LEAD MOULDS.

	£	s.	d.
To cast 4, 6, or 8 to Pica	4	10	0

# METAL FURNITURE AND QUOTATIONS.

	£	s.	d.
Metal Furniture and Clumps	0	0	6
French Metal Furniture	0	0	7
Quotations	0	0	6

# METAL JUSTIFIERS AND CURVES,

Made upon the same principle as the French Metal Furniture, and cast very light.

Will be found most useful in Jobbing Offices, for justifying lines, &c. The sizes cast are 2 x 3, 2 x 4, 2 x 5, 2 x 6 Pica ems. Price, 9d. per lb.

Metal Curves for forming Curved and Waved Lines, per set, 14s. 6d. and £1 1 0

# ORNAMENTAL RULES.

	£	s.	d.
Space Rules	0	6	0
Flourishes	0	4	0
Ornamental Dashes and Long Braces	0	5	0
Architectural Ornaments	0	4	0

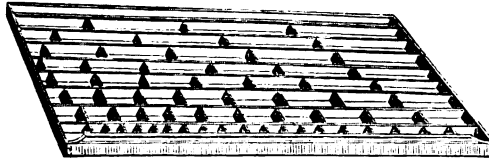
## BRASS RULE.

									£ s. d.
8 to Pica, plain,	16 inch	...	...	...	...	...	...	per doz.	0 2 6
8 to Pica	„ 24	„	...	...	...	...	...	„	0 3 9
6 to Pica	„ 16	„	...	...	...	...	...	„	0 3 6
6 to Pica	„ 24	„	...	...	...	...	...	„	0 5 3
4 to Pica	„ 16	„	...	...	...	...	...	„	0 5 0
4 to Pica	„ 24	„	...	...	...	...	...	„	0 7 6
8 to Pica, waved,	16	„	...	...	...	...	...	„	0 4 6
6 to Pica	„ 16	„	...	...	...	...	...	„	0 5 0
4 to Pica	„ 16	„	...	...	...	...	...	„	0 6 0
8 to Pica, dotted,	16	„	...	...	...	...	...	„	0 4 6
6 to Pica	„ 16	„	...	...	...	...	...	„	0 5 6
4 to Pica	„ 16	„	...	...	...	...	...	„	0 6 6
8 to Pica, leader,	16	„	...	...	...	...	...	„	0 4 6
6 to Pica	„ 16	„	...	...	...	...	...	„	0 5 6
4 to Pica	„ 16	„	...	...	...	...	...	„	0 6 6

## ORNAMENTAL BRASS RULE, &amp;c.

									£ s. d.
Perforating, 16 inch	...	...	...	...	...	...	...	per doz.	0 6 0
Perforating, 16	„	steel	...	...	...	...	...	„	0 12 0
Double	„	cut any length	...	...	...	...	...	per lb.	0 3 6
Double, 4 to Pica,	16 inch	...	...	...	...	...	...	per doz.	0 8 0
Treble	„	cut any length	...	...	...	...	...	per lb.	0 3 6
Column, Brevier	„	...	...	...	...	...	...	„	0 3 6
Head	„	„	...	...	...	...	...	„	0 3 6
Column, Nonpareil or Pearl	„	„	...	...	...	...	...	„	0 4 0
Head	„	„	...	...	...	...	...	„	0 4 0
Shouldered Double	...	...	...	...	...	...	...	per doz.	0 4 6
Double Cross	...	...	...	...	...	...	...	„	0 4 6
Half-Double Cross	...	...	...	...	...	...	...	„	0 5 0
Single Cross	...	...	...	...	...	...	...	„	0 2 0
Half-Single Cross	...	...	...	...	...	...	...	„	0 2 6
Advertisement, 4 to Pica	...	...	...	...	...	...	...	„	0 1 9
Double ditto	...	...	...	...	...	...	...	„	0 4 0
Single ditto, Shouldered	...	...	...	...	...	...	...	„	0 3 0
Double ditto	„	...	...	...	...	...	...	„	0 5 0
Setting	...	...	...	...	...	...	...	per set	0 2 0
Setting, Steel	...	...	...	...	...	...	...	„	0 5 0
French Dashes	...	...	...	...	...	...	...	per doz., from	0 6 6
Ovals	...	...	...	...	...	...	...	each	0 1 0
Circles	...	...	...	...	...	...	...	„	0 0 9

## BRASS RULE CASE,

*Complete,**Fitted with 8 to Pica Spring Rule, Cut and Marked.*

	£	s.	d.
No. 1 Case—Containing 1 dozen each, from 2 ems to 43 ems, advancing by ems, and 1 dozen 16-inch lengths	2	0	0
No. 1A Case—Containing 2 dozen each, from 2 ems to 43 ems, advancing by ems, and 2 dozen 16-inch lengths	3	10	0
No. 2 Case—Containing 2 dozen each, from 2 ems to 25 ems, advancing by ems to 12½ ems, and 1 dozen each, from 26 ems to 60 ems; also 1 dozen 16-inch lengths	4	15	0
No. 2A Case—Containing 4 dozen each, from 2 ems to 25 ems, advancing by ems up to 12½ ems, and 2 dozen each from 26 ems to 60 ems; also 1 dozen 16-inch lengths	8	10	0
No. 1—Brass Rule Case only	0	4	6
No. 2	0	8	0
The Brass Rule, Cut, Marked and Dressed, to order	0	3	6

## BRASS CIRCLES,

*Thick and Thin Line.*

	£	s.	d.		£	s.	d.
3 inch diameter	0	3	6	1½ inch diameter	0	1	6
2½ "	0	3	0	1¼ "	0	1	6
2½ "	0	2	6	1½ "	0	1	6
2½ "	0	2	3	1½ "	0	1	4
2½ "	0	2	2	1½ "	0	1	2
2½ "	0	2	2	1½ "	0	1	0
2 "	0	2	0	1½ "	0	0	10
1½ "	0	1	9				

The above sizes can be made on square brass bodies, very convenient for locking up in a forme, at the rate of 25 per cent. extra in price.

## SINGLE LINE CIRCLES OR OVALS OF ALL SIZES.

*Steel Punches made to cut out Ovals, Circles, &c., from 1/6 per inch in circumference.*

## Brass Newspaper Headings Cut to Order.

	£	s.	d.		£	s.	d.
Caps	0	5	0	Lower Case	0	2	6

## Newspaper Headings Cut in Boxwood.

*And Electrotyped and Mounted on Metal, Type High, at less cost than Brass.*

## Brass Borders for Almanacks, Railway Time Tables, &amp;c.

*Estimates Furnished.*

A set of Brass Borders, Diamond body, finely mitred thick and thin line, 70 ems by 26 ems, would cost about 1/1 each Border complete.

## Brass Borders for Labels and Oxford Corners

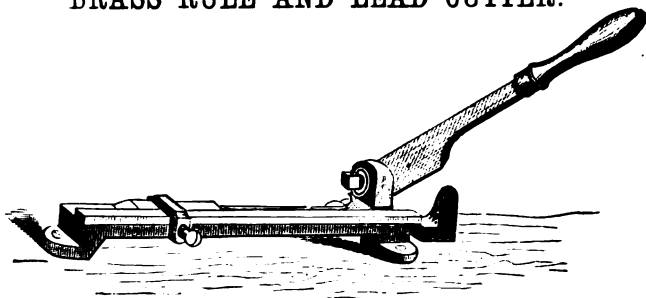
*Made to order.*

## BRASS SPACE LINES.

*Instead of Leads for Newspapers.*

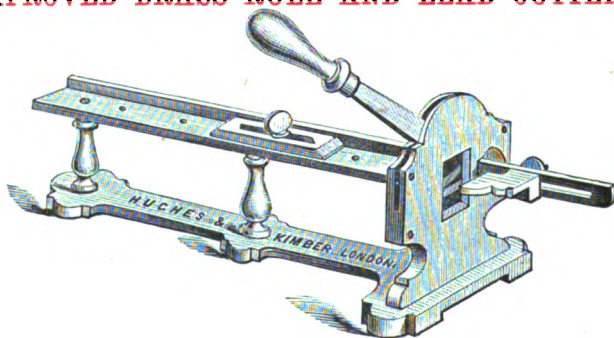
							per lb.	£	s.	d.
6 to Pica, 12 ems and above	...	...	...	...	...	...	per lb.	0	1	9
8   "       "	...	...	...	...	...	...	"	0	2	0
10   "       "	...	...	...	...	...	...	"	0	2	6
12   "       "	...	...	...	...	...	...	"	0	3	0
16   "       "	...	...	...	...	...	...	"	0	3	6

## BRASS RULE AND LEAD CUTTER.



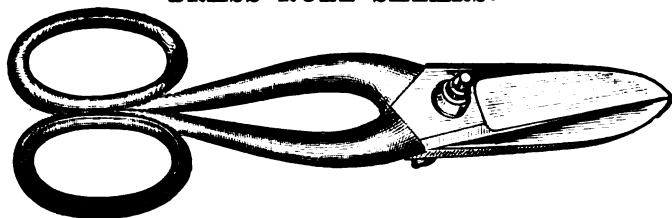
								£	s.	d.
Best make	...	...	...	...	...	...	...	1	0	0

## IMPROVED BRASS RULE AND LEAD CUTTER.



								£	s.	d.
With Front Gauge, suitable for cutting small lengths	...	...	...	...	...	...	...	1	12	0

## BRASS RULE SHEARS.



								£	s.	d.
Per Pair	...	...	...	...	...	...	...	0	6	0
Lead Cutter	...	...	...	...	...	...	...	0	15	0
Brass Rule Nippers	...	...	...	...	...	...	...	0	2	0





## FURNITURE.

								s. d.
Double Broad	8 ems	...	...	...	...	...	per doz.	4 9
Broad and Narrow	7 "	...	...	...	...	...	"	4 6
Double Narrow	6 "	...	...	...	...	...	"	4 3
Broad	4 "	...	...	...	...	...	"	3 6
Narrow	3 "	...	...	...	...	...	"	3 0

## REGLET.

								s. d.
Two-line Great Primer	...	...	...	...	...	...	per doz.	2 6
„ English	...	...	...	...	...	...	"	2 0
„ Pica	...	...	...	...	...	...	"	2 0
Double Pica	...	...	...	...	...	...	"	1 6
Great Primer	...	...	...	...	...	...	"	1 4
English	...	...	...	...	...	...	"	1 4
Pica	...	...	...	...	...	...	"	1 0
Small Pica	...	...	...	...	...	...	"	1 0
Long Primer	...	...	...	...	...	...	"	1 0
Bourgeois	...	...	...	...	...	...	"	1 0
Brevier	...	...	...	...	...	...	"	1 0
Minion	...	...	...	...	...	...	"	1 0
Nonpareil	...	...	...	...	...	...	"	1 0
Ruby	...	...	...	...	...	...	"	1 0
Pearl	...	...	...	...	...	...	"	1 0

## SIDE AND FOOT STICKS.

			s. d.				s. d.
36 inches long	...	per doz.	3 6	12 inches long	...	per doz.	1 2
30 "	...	"	3 0	10 "	...	"	1 0
24 "	...	"	2 4	9 "	...	"	0 11
18 "	...	"	1 9	8 "	...	"	0 10
16 "	...	"	1 7	7 "	...	"	0 9
14 "	...	"	1 5	6 "	...	"	0 8

## WOOD RULE.

							s. d.
Mourning Rule	...	...	...	...	...	per yard length	0 8
Double Rule	...	...	...	...	...	"	0 10
Treble "	...	...	...	...	...	"	0 10
Boxwood Rule, double	20 inches long	...	...	...	...	per length	1 0
„ treble	"	...	...	...	...	"	1 0
Scale Board 8 to pica	...	...	...	...	...	per doz.	0 4
„ 6 "	...	...	...	...	...	"	0 4
„ 4 "	...	...	...	...	...	"	0 6

## IMPROVED SAW AND BLOCK.



£1 10 0

	£	s.	d.
Saw and Block ... ..	0	6	6
Saw ... ..	0	3	6
Saw Block ... ..	0	3	0
Improved Saw and Block ... ..	1	10	0
Treadle Saw Bench ( <i>See page 70</i> ) ... ..	£8, £9, and	10	0 0

## QUOINS.

	s.	d.
Jobbing ... .. per 1000	8	0
News ... ..	10	0
Quoin Wrench ... ..	4	6

## MALLET AND PLANERS.

	s.	d.
News Mallet ... .. common	2	0
„ Planer ... ..	1	0
Book Work Mallet ... ..	1	6
„ Planer ... ..	0	9

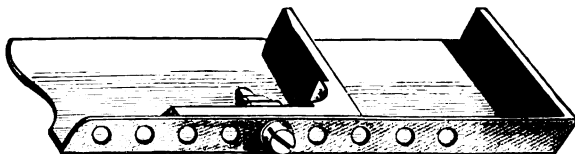
## SHOOTING STICKS.

	s.	d.
Boxwood ... .. per doz.	5	0
„ tipped with gun metal, 1 prong ... .. each	3	0
„ „ 2 „ ... ..	3	6
„ „ 3 „ ... ..	4	0
Cast Iron ... ..	2	6
Wrought Iron ... ..	3	0

## BODKINS.

	s.	d.
In common handles ... .. per doz.	2	0
In hard wood screw handles ... ..	4	0
In case, for the pocket ... .. each	0	9
In ivory case, „ ... ..	3	0
In metal case, with correcting nippers ... ..	4	6
Bodkin Blades ... .. per doz.	1	6

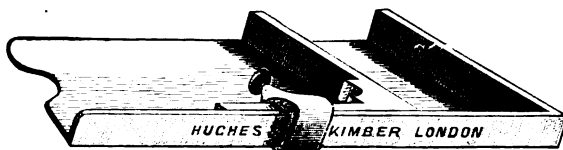
## COMPOSING STICKS.



						s. d.		£ s. d.
6 inch	...	...	...	...	Iron	4 6	Gun Metal	0 5 0
7 "	...	...	...	...	"	5 0	"	0 5 10
8 "	...	...	...	...	"	5 6	"	0 6 8
9 "	...	...	...	...	"	6 0	"	0 7 6
10 "	...	...	...	...	"	6 6	"	0 8 4
12 "	...	...	...	...	"	7 6	"	0 10 0
14 "	...	...	...	...	"	8 0	"	0 11 8
16 "	...	...	...	...	"	9 0	"	0 13 4
18 "	...	...	...	...	"	10 0	"	0 15 0
20 "	...	...	...	...	"	12 0	"	0 16 8
24 "	...	...	...	...	"	15 0	"	1 0 0
Double Slides	...	...	...	...	...	...	extra	0 1 6

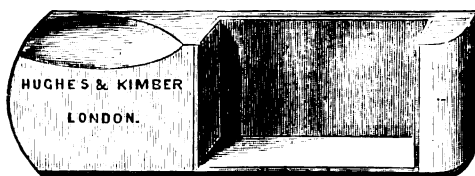
*German Silver Composing Sticks, 2s. per inch.*

## IMPROVED IRON COMPOSING STICK.



Any length ... .. per inch 0 0 10

## MAHOGANY NEWS COMPOSING STICK.

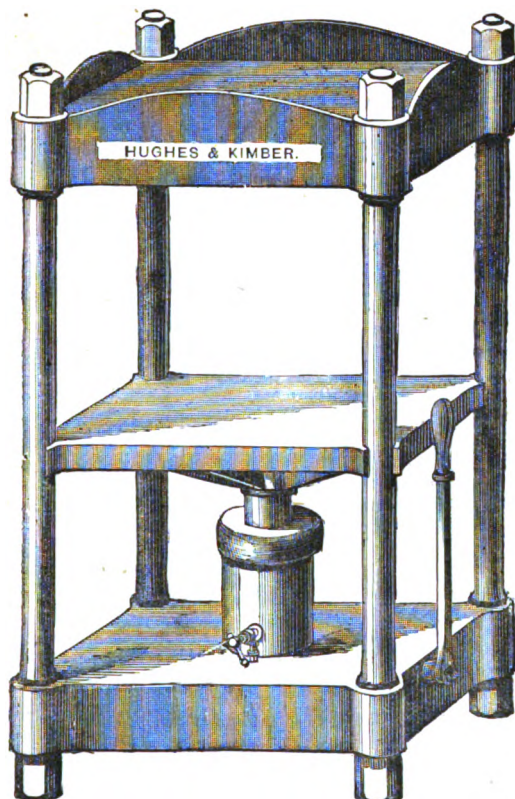


Brass lined, to any set measure, with Steel Setting Rule ... .. 0 8 6

MAHOGANY BROADSIDE COMPOSING STICK,  
*With Brass Slide.*

18, 20, or 24 inch ... .. 0 5 6  
28, 29, 36, or 42 inch ... .. 0 6 6

## PORTABLE HYDRAULIC PRESS.



This press is recommended as being much more compact and simple, less liable to derangement, and lower in price than any other in the market.

The improvements consist in the pumps and reservoir being placed in the base of the press. This arrangement obviates the necessity of the separate reservoir, &c., reduces the number of parts, and consequently the cost of manufacture, and risk of damage. It also effects a saving in space, as well as of freight.

Since the introduction of this Press, it has been greatly improved by the invention and application of a very simple and effective pump, which is placed so as to prevent all possibility of accident with it.

The pillars are screwed instead of having cotters or holes, thereby adding greatly to their strength.

These Presses are made in the first style of workmanship, and are especially adapted for the use of Printers, Bookbinders, Packers, &c., and also for Pressing Wool, Cotton, Hay, &c. They are complete in themselves; the whole therefore may be shipped in a very compact form, and the pipes not being detached, no engineering skill is required to put them to work in any part of the world.

## SIZES AND PRICES, INCLUDING SAFETY VALVE COMPLETE.

All except the first five sizes have Two Pumps, for quick and slow speeds. First five sizes, if with two pumps, £4 10s. extra. Other sizes can be had, at any "run out," &c.

No.	Diameter of Ram.	Will run out.	Tested Power.	Distance between Platen and Top when down.	Between Pillars.	Platen.	Prices.
	Inches.	Inches.	Tons.	Inches.	Inches.	Inches.	£ s. d.
0	3	10	10	15	15½ × 10½	17½ × 13	24 0 0
1	3½	10	15	26	23½ × 20½	28 × 20½	32 10 0
2	3½	10	20	26	32½ × 22	32 × 22	40 0 0
2A	4	10	30	26	32½ × 22	32 × 22	48 0 0
2B	4	10	30	26	36½ × 22	36 × 24	54 0 0
3	6	15	50	42	30 × 30	46 × 30	83 0 0
4	7	24	50	50	12½ × 12½	12½ × 12½	54 0 0
4A	7	24	50	50	14½ × 14½	14½ × 14½	56 0 0
5	6	42	40	72	45½ × 37½	40½ × 20½	60 0 0
6	7	15	80	42	30½ × 29	46 × 30	98 0 0
6A	7	36	70	60	36 × 27½	36 × 27	108 0 0
6B	7	30	80	60	34 × 34	34 × 34	105 0 0
6C	7	48	70	72	66 × 30	66 × 30	135 0 0
7	10	18	200	36	36 × 24	36 × 24	138 0 0
7A	8	48	150	72	66 × 30	66 × 30	195 0 0
8	10	18	150	48	45½ × 30	46 × 30	125 0 0
9	10	20	200	64	48½ × 42½	48 × 42	165 0 0
10	10	36	200	72	48½ × 42½	60 × 42	178 0 0
11	12	12	300	36	19½ × 17	36 × 18	—
12	10	36	200	72	48½ × 42½	64 × 42	—
13	10	54	150	72	72½ × 48½	96 × 48	—
14	12	—	200	—	84 × 50	88½ × 54½	—
15	10	—	200	—	56½ × 44½	61½ × 40½	—
16	12	—	200	—	16½ × 14½	19 × 16½	—
17	10	—	150	—	15½ × 9½	20 × 11½	—
18	8	—	100	—	39 × 33	39 × 39	—
19	7	—	80	—	33½ × 28½	32½ × 30½	—
20	10	—	80	—	29½ × 15½	50 × 14	—
21	7	—	50	—	20½ × 20½	28 × 20½	—
22	8	—	100	—	13½ × 13½	16½ × 16½	—
23	18	—	400	—	47½ × 13½	44 × 26	—
24	6	—	30	—	40½ × 40½	41 × 41	—

For extra height between Platen and Top, 3s. per inch up to No. 5, and 5s. per inch above. For extra "run out" of Ram, prices on application.

These Presses are also supplied, if required, with detached Pumps and Reservoir, to work by steam power. This arrangement admits of two or more Presses being worked by one set of Pumps.

PRESSES OF ANY DIMENSIONS AND POWER MADE TO ORDER.

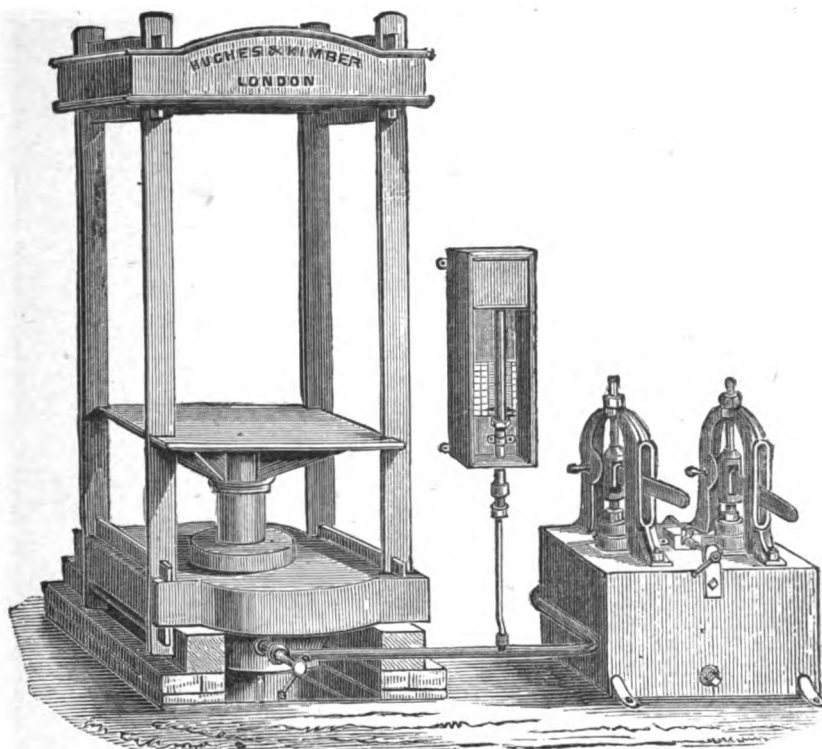
## GLAZED PRESSING BOARDS.

	Inches						per gross	£ s. d.
Demy	18 × 22	...	...	...	...	...		1 15 0
Royal	19 × 24	...	...	...	...	...	"	2 0 0
Royal, Extra	20½ × 25½	...	...	...	...	...	"	2 6 0
Double Foolscap	18 × 29	...	...	...	...	...	"	2 6 0
Super Royal	21½ × 29	...	...	...	...	...	"	2 15 0
Double Crown	20½ × 30½	...	...	...	...	...	"	2 15 0
Imperial	23 × 31	...	...	...	...	...	"	3 3 0
Long	19 × 32	...	...	...	...	...	"	2 13 6

The sizes Demy and Royal will take in Writing Demy and Royal only. For Printing Papers a size larger is required. Any other sizes made to order.



# HYDRAULIC PRESS.



No.	Diameter of Ram.	Will run out.	Tested power.	Between platen and top when down.	Platen between bars.	No. of Pumps.			
	INCHES.	INCHES.	TONS.	INCHES.	INCHES.		£	s.	d.
1	4	12	30	42	21 × 16	1	46	0	0
2	6	12	65	42	24 × 16	1	53	0	0
3	6	18	65	54	29 × 22	1	66	0	0
4	6	18	65	60	36 × 24	1	81	0	0
5	8	24	110	60	33 × 24	2	127	0	0
6	8	24	110	66	40 × 24	2	138	0	0
7	10	24	175	60	29 × 22	2	161	0	0
8	10	24	175	72	38 × 24	2	184	0	0
9	10	24	250	72	42 × 24	2	196	0	0
10	12	24	250	72	42 × 24	2	225	0	0

Hydraulic Press, with 6-inch Ram, for Electrotyping, £46.

Hydraulic Pressure Gauge, £8.

Hydraulic Cup Leathers—

4-inch, 6/- ; 6-inch, 9/- ; 8-inch, 12/- ; 10-inch, 15/- ; 12-inch, 18/-

## HARD-WOOD PRESSING BOARDS.

See page 137.

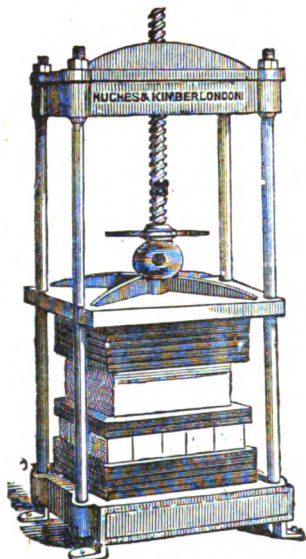
## WROUGHT-IRON PRESSING PLATES.

From 7/6 each ; in quantities at 30/- per cwt.

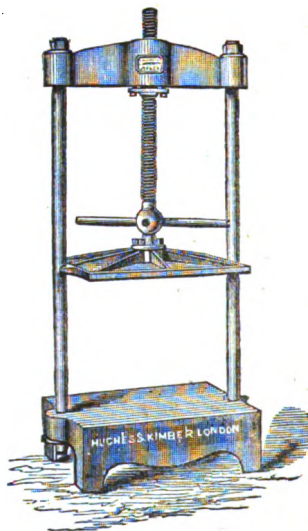
Any size to order.

HARD WOOD PRESSING BLOCKS OF ALL SIZES.

## IRON SCREW STANDING PRESSES.

*With Four Pillars.*

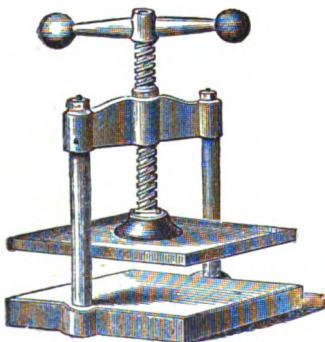
PLATEN.	SCREW.	PILLAR.	£	s.	d.
20½ x 25 in.	2½ in.	4 ft. 6 in.	18	0	0
22 x 28 „	3 „	4 „ 6 „	23	0	0
26 x 31 „	3½ „	4 „ 6 „	26	0	0

*With Two Pillars.*

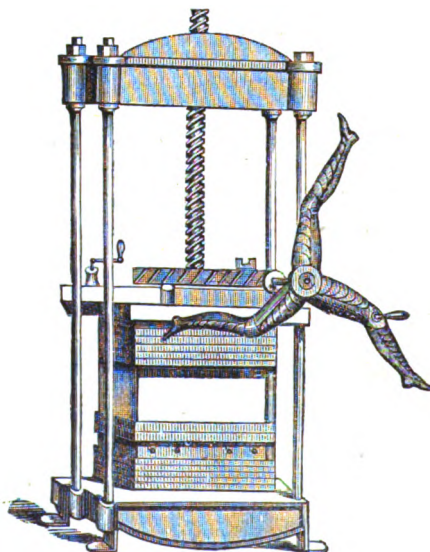
Platen 20 x 25, Screw 2½ in.,  
Pillar 4 ft. 6 in., £15.

## ATHOL PRESS.

Screw Press for Bench  
or Counter.



PLATEN.	£	s.	d.
12 x 11 in. ... ..	4	0	0
14 x 12 „ .. ..	4	10	0
18 x 12 „ .. ..	5	0	0
20 x 14 „ .. ..	5	10	0



PLATEN.	SCREW.	PILLAR.	£	s.	d.
19 x 26 in.	3 in.	4 ft. 6 in.	32	10	0
21 x 28½ „	3½ „	4 „ 6 „	37	0	0
26 x 31 „	3½ „	4 „ 9 „	44	0	0

*Larger sizes to order.*

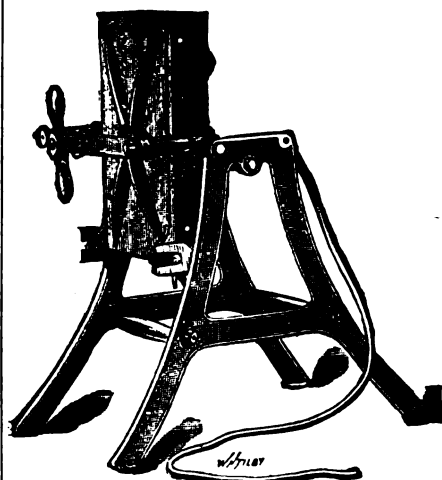
# STEREOTYPING APPARATUS.

TO BE HEATED BY GAS.

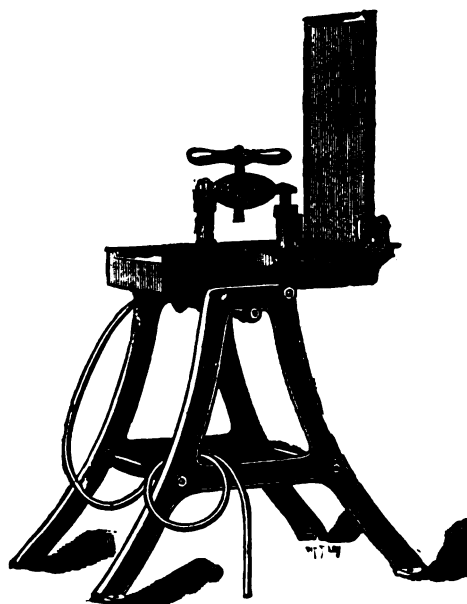
*For Jobbing Work.*

## CASTING BOX.

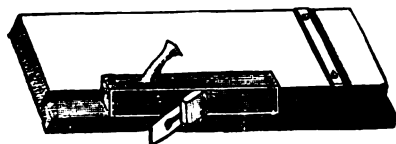
IN POSITION FOR CASTING.



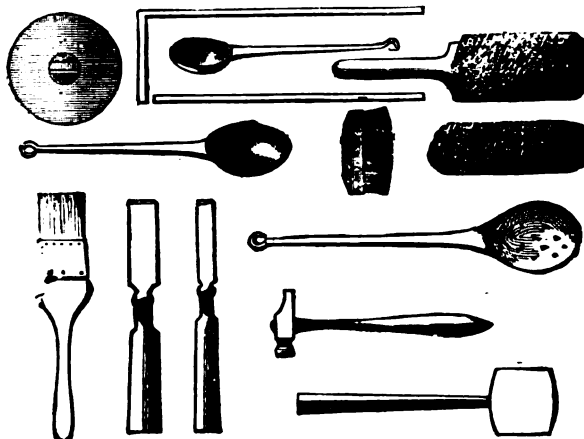
IN POSITION FOR RECEPTION OF FORME.



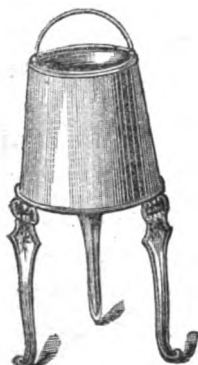
PLANE AND SHOOTING SLAB.



GROUP OF TOOLS.



METAL POT.



## COMPLETE STEREOTYPING APPARATUS,

TO BE HEATED BY GAS.

*For Jobbing Work.*

	INCHES.		£	s.	d.
Demy Folio, to make plates 16 × 10½ ... ..			14	14	0
Royal Folio           ,,       21 × 13½ ... ..			15	15	0
News                   ,,       26 × 13½ ... ..			16	16	0

*The above Apparatus consists of the following:—*

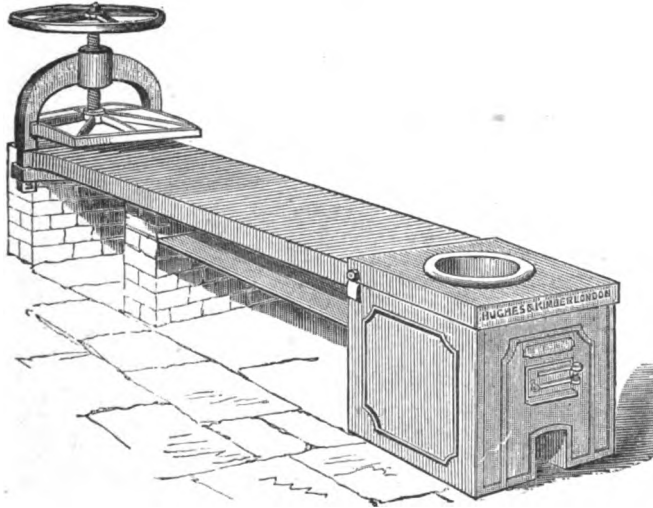
Drying and Casting Box with Gas Burner and Tubing, Metal Pot on iron stand with Burner and Tubing, Pica Gauges, Iron Plane and Iron Shooting Slab, sample length of Bevelled Stereo Clump, Beating, Oil, Chalk, and Paste Brushes, Two Ladles and Skimmer, Mallet, Hammer, Brads, Punches and Chisels, half-a-quire Stereo Paper.

## STEREOTYPING ACCESSORIES,

FOR THE ABOVE APPARATUS.

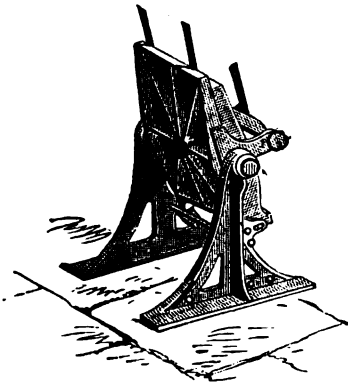
	£	s.	d.
Saw Bench, with planed iron table 23½ in. × 17½ in., 7-inch Saw, Band Wheel and fitted for treadle motion ... ..	10	0	0
Saw Bench, with planed iron table 28 in. × 24 in., Plane and Shooting Bench combined, with moveable Gauge ... ..	12	10	0
Type-high Gauges, fitted for News Columns ... ..	2	15	0
Ditto, with single Core to cast hollow ... ..	1	10	0
Lead and Clump Mould, to cast from an 8 to Pica Lead to a Great Primer			
Clump, 50 ems in length ... ..	1	10	0
Lead Dresser and small Ladle ... ..	0	1	6
Lead and Clump Gauge, from an 8 to Pica to a Pica Clump ... ..	0	3	6
Float-file ... ..	0	3	6
Stereo double and single-bevelled Clumps ... .. per lb.	0	0	6
Stereo Paper, Crown ... .. per quire	0	7	6
Backing Paper, Double Crown ... .. „	0	1	4
Stereo Composition, in 7 lb. tins ... .. per lb.	0	1	0
Book of Instructions in Stereotyping ... ..	0	1	6

# STEREOTYPING APPARATUS. PAPER PROCESS.



Melting Furnace, Metal Pot, Hot Chamber and Moulding Press, complete.

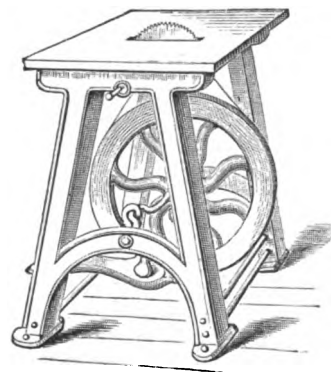
	FT.	IN.	FT.	IN.	IN.					£	s.	d.
No. 1,	7	0	1	2,	diameter of pot	8	...	...	...	40	0	0
" 2,	10	0	1	10,	"	10	...	...	...	60	0	0
" 3,	14	0	2	2,	"	12	...	...	...	75	0	0



## CASTING BOX.

For Type-high and Thin Plates.

	INCHES.	£	s.	d.
No. 1, to cast plates	14 × 11	17	0	0
" 2, "	16 × 14	20	0	0
" 3, "	23 × 17*	25	0	0
* Times size.				
Type-high and thin Gauges for do.	4	10	0	0
Core plate for type-high plates	5	0	0	0
Core plates for column or whole page to order.				

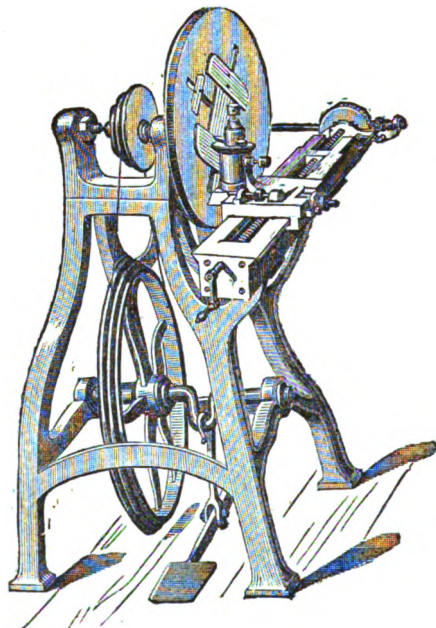


## SAW BENCH.

	£	s.	d.
With Wood Table and Gut Driving Band	8	0	0
With Iron Table and Gut Driving Band	9	0	0
With Iron Table and Strap Driving Band	10	0	0
Extra Saws ... each	0	8	0

## STEREOTYPING APPARATUS.

SURFACING LATHE,

*For Steam or Treadle Power.*

	INCHES.							£	s.	d.
No. 1, to surface plates	11 x 11	...	...	...	...	...	...	50	0	0
„ 2, „	14 x 14	...	...	...	...	...	...	55	0	0
„ 3, „	16 x 16	...	...	...	...	...	...	75	0	0

## COMPLETE STEREOTYPING APPARATUS.

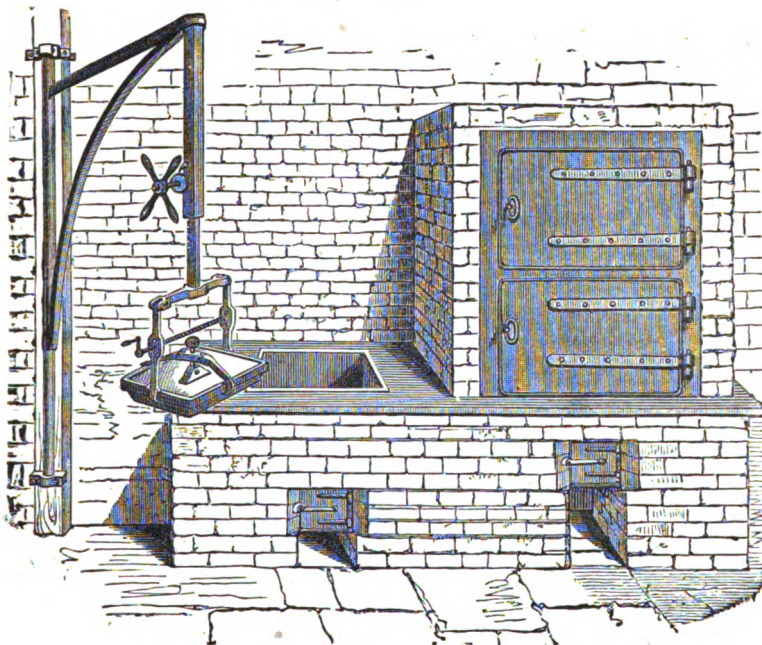
PAPER PROCESS.

	No. 1, FOR PLATES 14 x 11 IN.	No. 2, FOR PLATES 16 x 14 IN.	No. 3, FOR PLATES 23 x 17 IN.
	£ s. d.	£ s. d.	£ s. d.
Furnace, &c., complete (see page 70) ...	40 0 0	60 0 0	75 0 0
Casting Box „ „ ...	17 0 0	20 0 0	25 0 0
Type-high and thin Gauges ...	4 10 0	4 10 0	4 10 0
Matrix, Roller and Slab ...	7 10 0	7 10 0	7 10 0
Hand-planing Slab and 2 Planes (see page 74) ...	7 10 0		
Planing Machine (see page 74) ...		45 0 0	52 0 0
Lathe ...	50 0 0	55 0 0	75 0 0
Saw Bench (see page 70) ...	9 0 0	10 0 0	10 0 0
Clump Mould ...	4 0 0	4 0 0	4 0 0
Four Moulding Chases, fitted with sliding Side and Foot Sticks, Steel Screws, &c., £5 each	20 0 0	20 0 0	20 0 0
	159 10 0	226 0 0	273 0 0

Stereo Metal ...	per cwt.	1 18 0
„ Paper ...	per ream	4 15 0
Whiting ...	per cwt.	0 6 0
Size ...	„	0 18 0
Beating Brushes ...	each	0 18 0

## STEREOTYPING APPARATUS,

PLASTER PROCESS.



## COMPLETE APPARATUS,

*For General Work ; to make Plates 16 in. × 14 in.*

	£	s.	d.
Oven, with Metal Pot and Flange, complete	40	0	0
Crane, complete	16	0	0
Dipping Pan and Float	3	10	0
Moulding Slab	1	7	6
Moulding Frame	0	15	0
Hand-planing Slab, with one each Squaring and Bevelling Planes (see page 74)	10	10	0
Lathe, for Steam or Treadle Power (see page 71)	55	0	0
	127	2	6

## COMPLETE APPARATUS,

*To make Plates 12 in. × 10 in.*

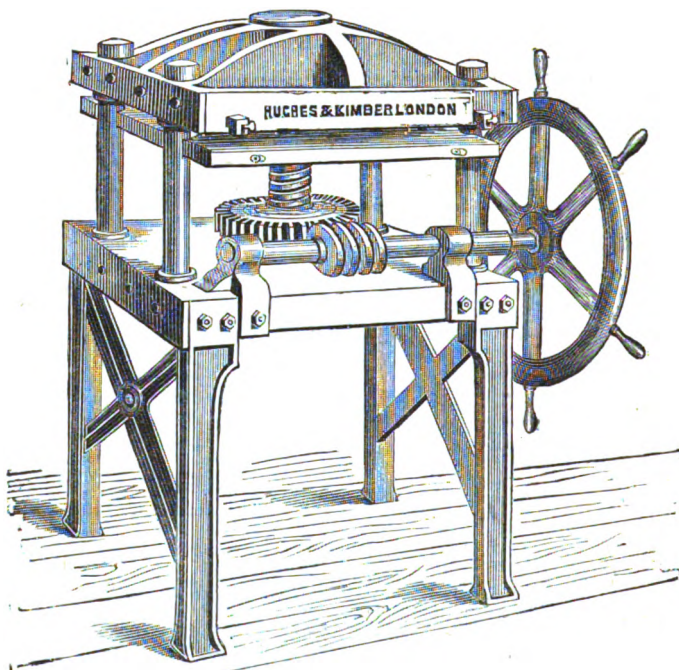
	£	s.	d.
Oven, with Metal Pot and Flange, complete	32	0	0
Crane, complete	10	0	0
Dipping Pan and Float	2	5	0
Moulding Slab	1	7	6
Moulding Frame	0	11	6
Hand-planing Slab, with one each Squaring and Bevelling Planes (see page 74)	7	10	0
Lathe, for Treadle Power (see page 71)	50	0	0
	103	14	0

Plaster of Paris	per cwt.	0	10	6
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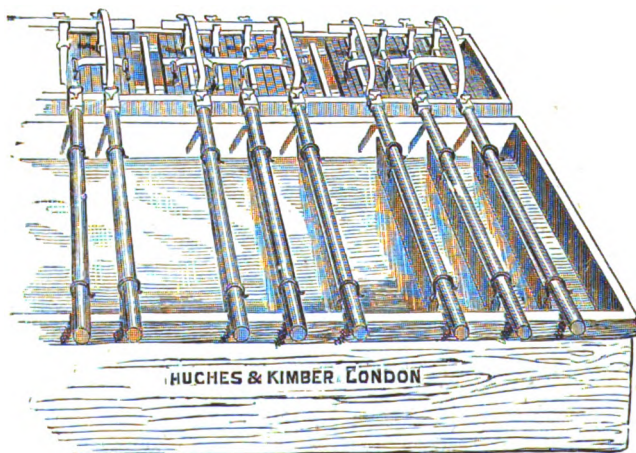
## ELECTROTYPING APPARATUS.

COMPOUND MOULDING PRESS.



	INCHES.								£	s.	d.
No. 1, size of platen	12	×	9	...	...	...	...	...	35	0	0
" 2, " "	24	×	18	...	...	...	...	...	55	0	0
Improved Double Screw Lever Press, with adjustable wedges, platen, 26 in. × 20 in.	...	...	...	...	...	...	...	...	90	0	0

BATTERY.



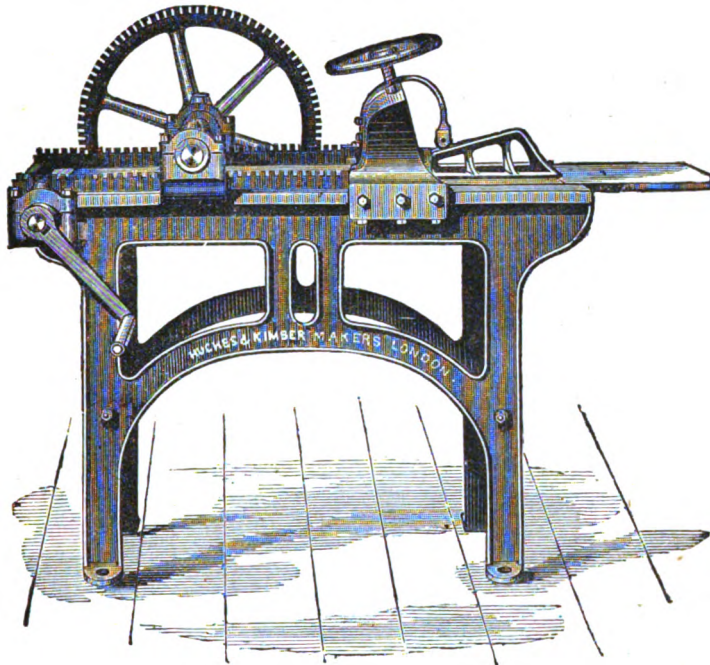
Fitted with Copper, Silver and Zinc Plates, Brass Rods and Connectors.  
Tanks lined with Lead.

	FT. IN.	FT. IN.	FT. IN.							£	s.	d.
No. 1,	3	0	×	1	6	×	1	2,	3 rods ...	...	...	45 0 0
" 2,	3	0	×	1	8	×	1	4,	3 " ...	...	...	60 0 0
" 3,	6	0	×	2	2	×	1	4,	6 " ...	...	...	85 0 0

STEREOTYPING and ELECTROTYPING APPARATUS.

PLANING MACHINE.

*With Double Rack.*

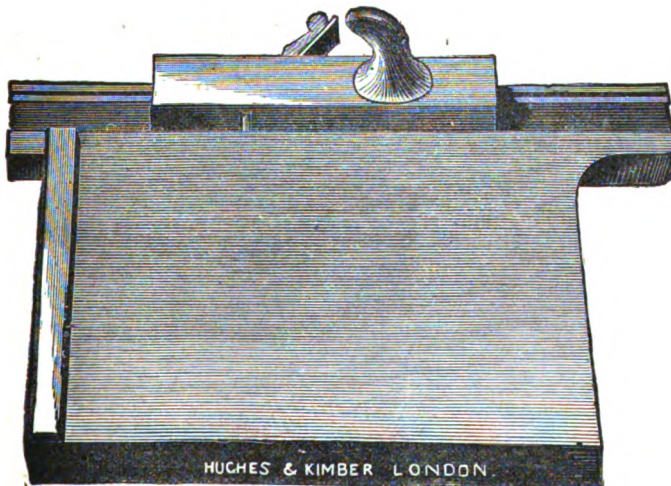


To plane plates of any thickness from long primer to type high.

No.		INCHES.						£	s.	d.
		14	11	...	...	...	...			
1	to plane plates	14	11	...	...	...	...	38	0	0
2	"	18	14	...	...	...	...	45	0	0
3	"	24	18	...	...	...	...	52	0	0

*The above prices include an extra knife.*

HAND PLANING SLAB.



With 1 each Squaring and Bevelling Planes.

No.		INCHES.						£	s.	d.
		14	11	...	...	...	...			
1	to plane plates	14	11	...	...	...	...	7	10	0
2	"	17	15	...	...	...	...	10	10	0
3	"	23	17	...	...	...	...	14	0	0

## COMPLETE ELECTROTYPING APPARATUS.

	No. 1.	No. 2.	No. 3.
	£ s. d.	£ s. d.	£ s. d.
Compound Moulding Press (see page 73) ...	35 0 0	55 0 0	90 0 0
Moulding Pan, capacity 12 gallons ...	6 10 0	6 10 0	6 10 0
Copper Wax Pot ...	1 15 0	1 15 0	1 15 0
Wax Levelling and Cooling Table and Frame ...	2 15 0	2 15 0	2 15 0
Black Lead Dressing Table, with set of three brushes and two raising irons ...	3 15 0	3 15 0	3 15 0
Battery, complete (see page 73) ...	45 0 0	60 0 0	85 0 0
Furnace, Metal Pot, Flange, and three Ladles, complete, for backing up ...	15 0 0	15 0 0	15 0 0
Backing-up Pans (two) ...	4 10 0	4 10 0	4 10 0
Lathe (see page 71) ...	50 0 0	55 0 0	75 0 0
Saw Bench (see page 70) ...	9 0 0	10 0 0	10 0 0
Planing Machine (see page 74) ...		45 0 0	52 0 0
Hand-planing Slab and two Planes (see page 74)	7 10 0		
Bringing-up Slab ...	2 10 0	2 10 0	2 10 0
	<u>183 5 0</u>	<u>261 15 0</u>	<u>348 15 0</u>

	INCHES.
The No. 1 Apparatus is adapted to produce Electrotypes	14 × 11
“ 2 “ “ “ “	16 × 14
“ 3 “ “ “ “	23 × 17

*For Illustrations, see pages 70 to 74.*

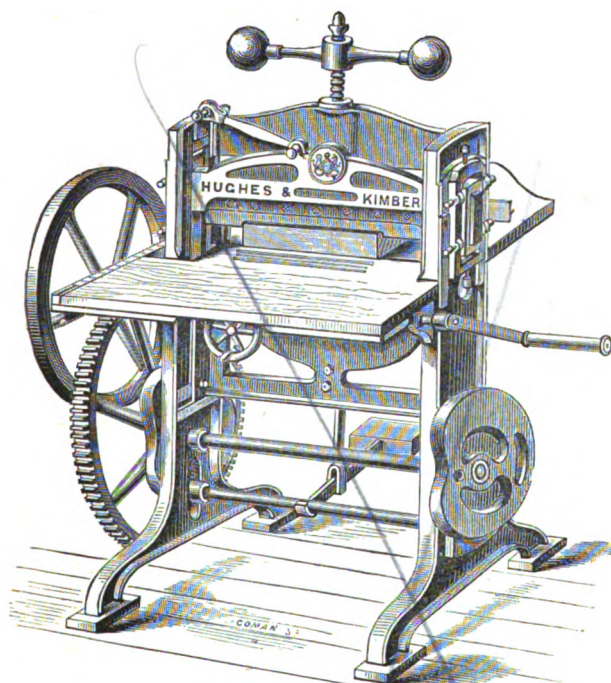
## ELECTROTYPING ACCESSORIES.

	£ s. d.
Sulphate of Copper ... .. per cwt.	2 12 0
Sulphuric Acid (by the carboy, 1½d. per lb.) ... .. per lb.	0 0 2
Quicksilver ... .. “	0 7 6
Black Lead ... .. “	0 3 0
White Wax .. .. “	0 4 0
Stereo Metal, for backing up ... .. per cwt.	1 18 0
Hydraulic Press, platen 22 × 18 in., 6-inch rise, with separate pump, complete	45 0 0

# HUGHES & KIMBER'S PATENT GUILLOTINE PAPER-CUTTING MACHINE,

WITH COMBINED MOTION FOR CUTTING VERTICALLY OR DIAGONALLY.

*For Hand Power.*



The above Machine has both diagonal and vertical motion, continuous movement and quick return of knife after each cut. The change from the vertical to the diagonal cut and vice versa, is instantaneously effected by the simple insertion or withdrawal of the large joint pin.

									£	s.	d.
To cut 18 inches	..	..	...	..	...	...	...	..	35	0	0
" 20 "	...	...	..	...	...	...	...	...	38	0	0
" 26 "	...	..	...	...	...	...	...	...	42	0	0
" 30 "	...	...	..	...	...	...	...	...	55	0	0
" 33 "	...	...	...	..	...	...	...	...	65	0	0
" 36 "	...	...	...	...	...	...	...	...	78	0	0

*Two Knives, Lead Mould, and Press Keys, are included in the above Prices.*

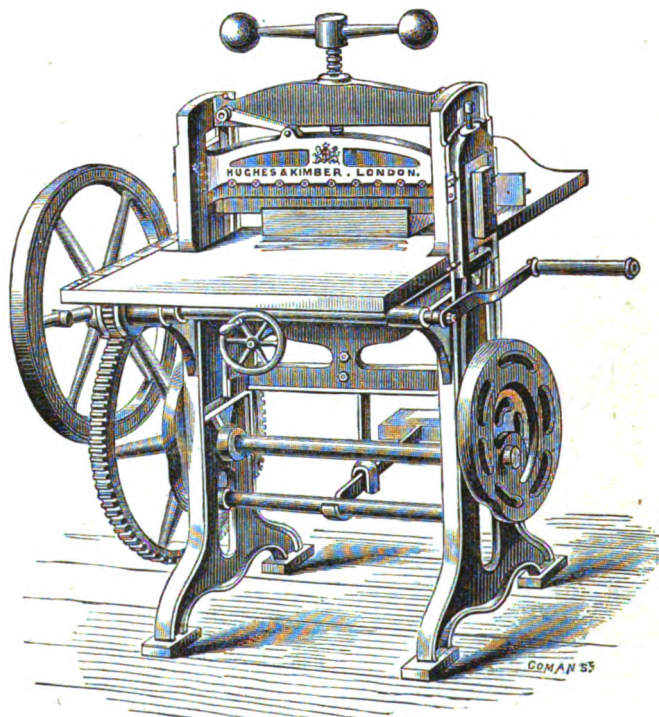
Extra Knives 1/6 per inch.



## HUGHES & KIMBER'S PATENT GUILLOTINE PAPER-CUTTING MACHINE,

WITH COMBINED MOTION FOR CUTTING DIAGONALLY OR VERTICALLY,

*Of Extra Power.*



The above Machine, somewhat similar in construction to that shown on preceding page, has iron front table and is of greater power. It is made specially for the heavier class of work, such as Millboards, &c., in large quantities. It can also be had with an angular knife, suitable for paper-bag making.

										£	s.	d.
To cut 20 inches	...	...	...	...	...	...	...	...	...	44	0	0
„ 26 „	...	...	...	...	...	...	...	...	...	57	0	0
„ 30 „	...	...	...	...	...	...	...	...	...	66	0	0
„ 33 „	...	...	...	...	...	...	...	...	...	79	0	0
„ 36 „	...	...	...	...	...	...	...	...	...	85	0	0
„ 38 „	...	...	...	...	...	...	...	...	...	91	0	0
„ 40 „	...	...	...	...	...	...	...	...	...	100	0	0
„ 42 „	...	...	...	...	...	...	...	...	...	110	0	0

Larger sizes to order.

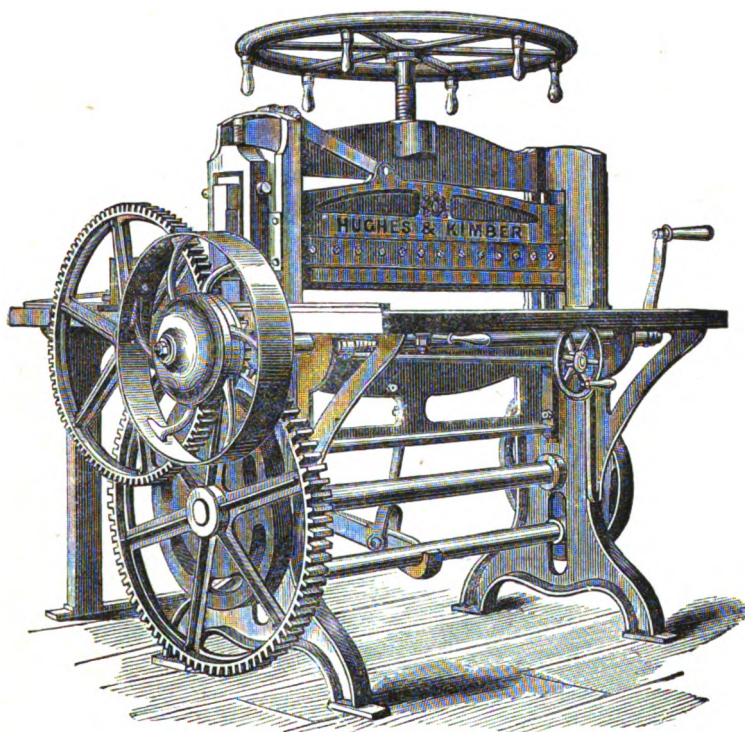
*Two Knives, Lead Mould, and Press Keys, are included in the above Prices.*

Extra Knives 1/6 per inch.

HUGHES & KIMBER'S  
PATENT GUILLOTINE PAPER-CUTTING MACHINE,

**WITH COMBINED MOTION FOR CUTTING DIAGONALLY OR VERTICALLY.**

*For Steam Power.*



This Machine is similar to that shown on page 77, but expressly geared and arranged for steam power. By means of the patent friction pulley with which it is fitted, the knife can be stopped instantaneously at any required height.

A handle is supplied, so that the Machine may be worked by hand during temporary stoppage of the steam power.

To cut	s.	d.
26 inches ... ..	64	0
" 30 " ... ..	74	0
" 33 " ... ..	81	0
" 36 " ... ..	92	0
" 38 " ... ..	97	0
" 40 " ... ..	102	0
" 42 " ... ..	107	0
" 44 " ... ..	115	0
" 46 " ... ..	135	0
" 48 " ... ..	145	0

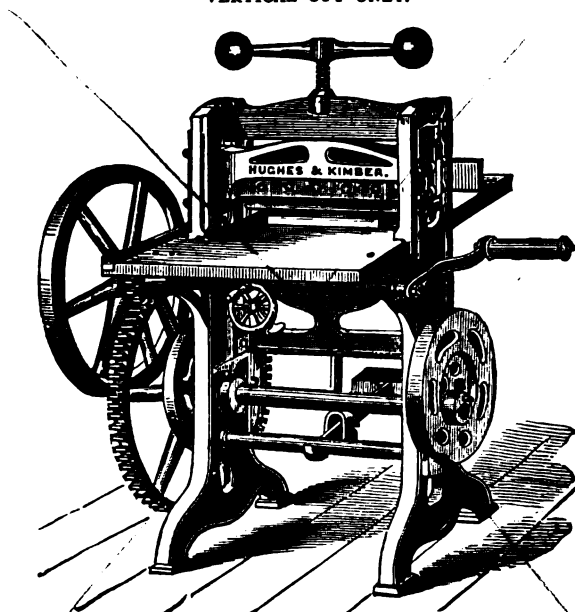
**Larger sizes to order.**

*Two Knives, Lead Mould, and Press Keys are included in the above Prices.*

**Extra Knives, 1/6 per inch.**

# PATENT GUILLOTINE PAPER-CUTTING MACHINE.

**VERTICAL CUT ONLY.**

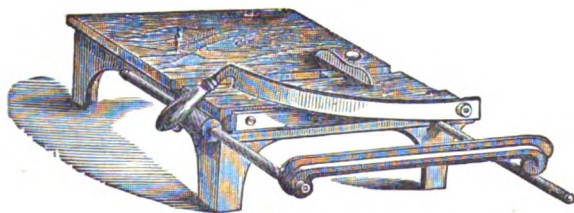


This Machine is of similar construction to the one described on page 77, except that it has the vertical cut only.

[illegible]

*An extra Knife, Lead Mould, and Press Keys, are included in the above Prices.*

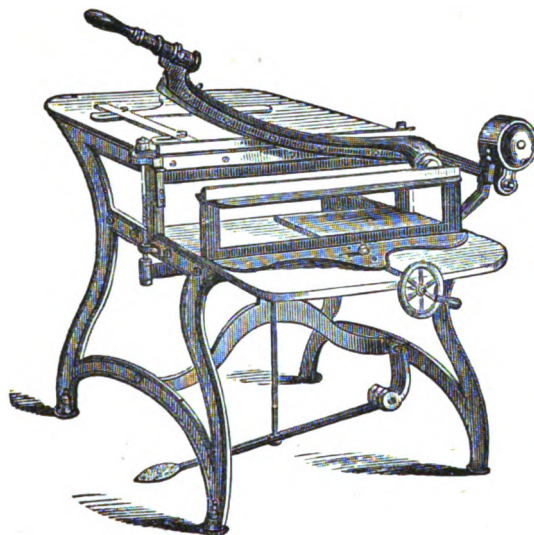
## CARD-CUTTING MACHINE.



										£ s. d.
To cut 12 inches	...	...	...	..	...	...	...	...	...	4    0    0
" 16 "	...	...	...	...	...	...	...	...	...	4   10   0
" 24 "	..	...	..	...	...	...	...	...	...	6   10   0

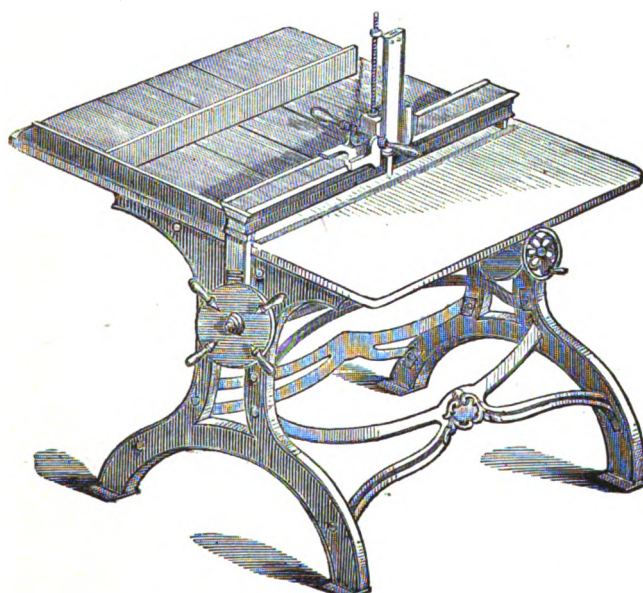


# MILLBOARD-CUTTING MACHINE.



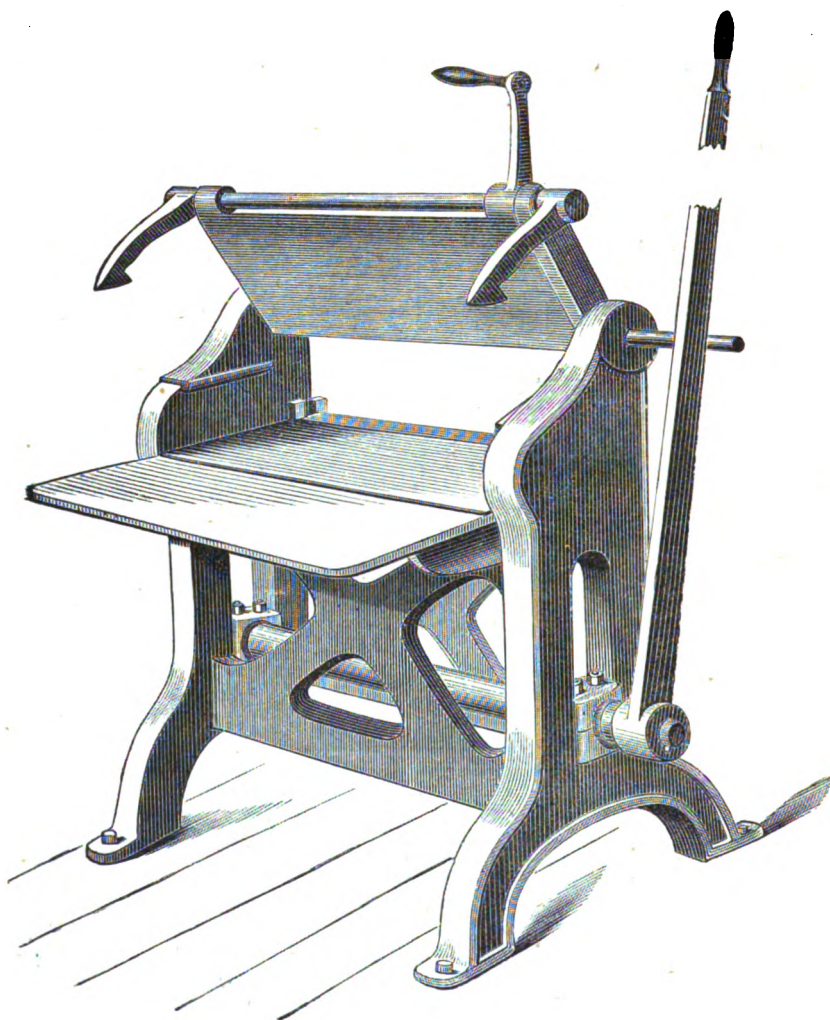
To cut	24 inches	...	...	...	...	...	...	...	£	s.	d.
"	29 "	...	...	...	...	...	...	...	12	0	0
"	34 "	...	...	...	...	...	...	...	14	10	0
"	36 "	...	...	...	...	...	...	...	18	0	0
"	36 "	...	...	...	...	...	...	...	21	0	0

# IMPERIAL PAPER-CUTTING MACHINE.



To cut	28 inches	...	...	...	...	...	...	...	£	s.	d.
"	32 "	...	...	...	...	...	...	...	14	0	0
"	36 "	...	...	...	...	...	...	...	16	0	0
"	40 "	...	...	...	...	...	...	...	18	10	0
"	40 "	...	...	...	...	...	...	...	21	0	0

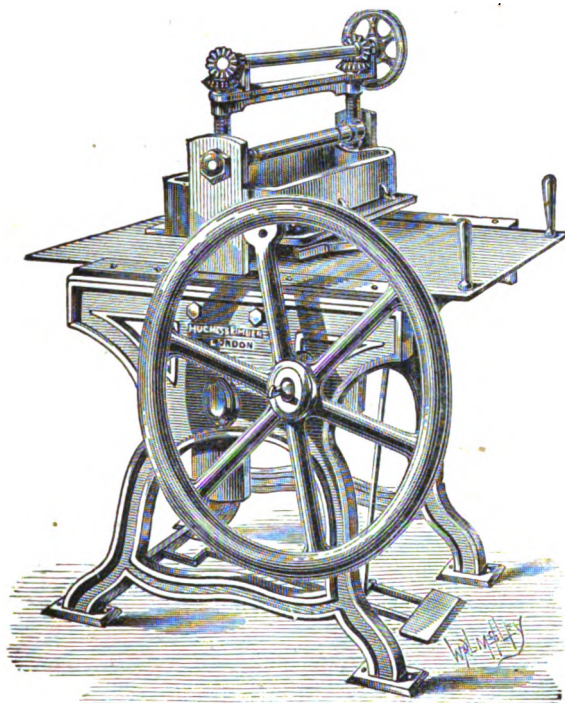
## LEVER ENVELOPE CUTTING MACHINE.



## SIZE OF PLATEN.

INCHES.										£	s.	d.
No. 1, 20 x 11	...	...	...	...	...	...	...	...	...	20	0	0
„ 2, 25 x 11	...	...	...	...	...	...	...	...	...	25	0	0
„ 3, 27 x 15	...	...	...	...	...	...	...	...	...	27	0	0

## IMPROVED LABEL AND ENVELOPE-CUTTING MACHINE.



The above Machine is adapted for cutting out Envelopes, Labels, Cardboard, Collars, Boots, Gloves, &c., with greater ease and rapidity than the Lever Machine (see preceding page).

The extent of the rise and fall of the upper platen, by means of which the requisite pressure is obtained, can be regulated to a nicety by the bevel gearing at top of machine.

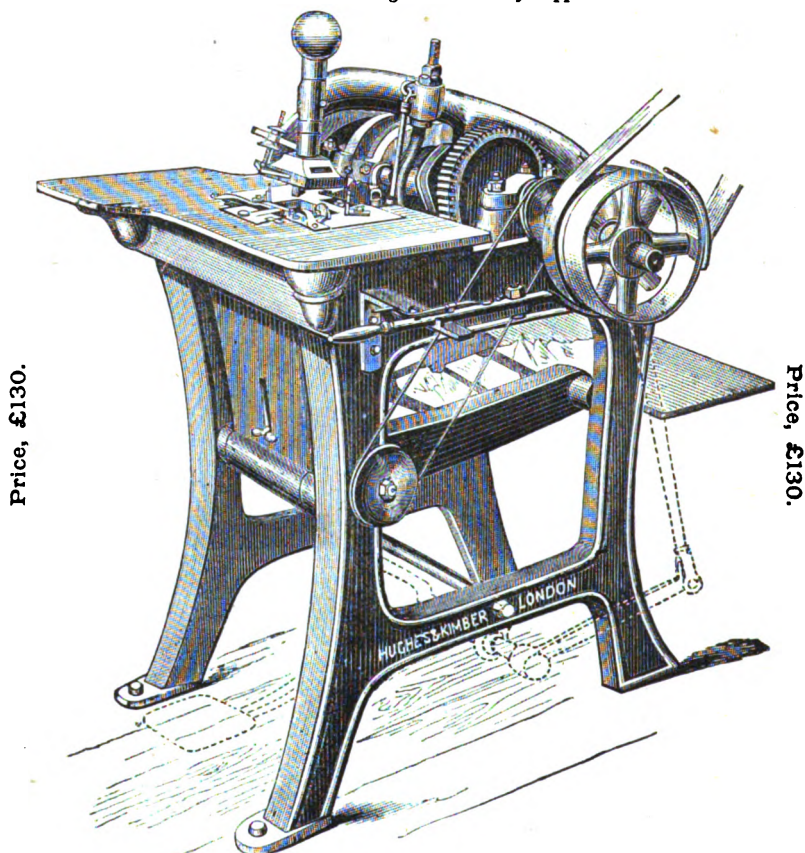
SIZE OF PLATEN.												
INCHES.										£	s.	d.
No. 1,	20 × 11	...	...	...	...	...	...	...	...	25	10	0
„ 2,	25 × 11	...	...	...	...	...	...	...	...	31	0	0
„ 3,	30 × 12	...	...	...	...	...	...	...	...	37	0	0
„ 4,	35 × 12	...	...	...	...	...	...	...	...	46	0	0
„ 5,	44 × 15	...	...	...	...	...	...	...	...	57	10	0

Cutters made to pattern, from 1/6 per inch.

Lead Plates for cutting upon	...	...	...	...	4d. per lb.
Composition Metal	„	„	...	...	7d. „

## ENVELOPE FOLDING, GUMMING AND STAMPING MACHINE,

*With Automatic Feeding and Delivery Apparatus.*



By the above Machine, envelopes, after being cut to the requisite shape, (*see pages 81 or 82,*) are folded, gummed, and stamped complete at a speed of 15,000 to 20,000 per day by treadle power, or 30,000 by steam power.

It is constructed to make envelopes of any one ordinary size, but can be adapted for others at an extra cost of £15 for each size.

The mode of working is very simple:—a pile of envelope blanks is placed upon a plate on the left hand side of the Machine, which may be done either when the Machine is at rest or in motion. A hollow brass tube, with the end forming a sucker, descends upon the envelope blanks at the side nearest to the folding-box; to the other end of the tube is attached an India-rubber pipe, communicating with an air pump, which, coming into action at this instant, causes the blank which is upon the top of the pile to attach itself to the brass tube, which rising, carries the envelope blank with it and inserts the end of it between two rollers, and these revolving rapidly carry the blank into its proper position over the folding-box; it is then stamped, and the gum applied in the proper places upon the two side flaps. A plunger then descends and carries the blank into the folding-box; upon the plunger rising, slides, working in the thickness of the folding-box, run in and incline the flaps in their proper order; the bottom of the box now rises and completes the operation by pressing the envelopes against the sides; the bottom of the box then falls and allows the envelope to drop in an upright position into a trough running under the Machine, when it is met by a simple contrivance, which secures the envelope with its flaps in their proper position in the trough, and as each successive envelope is placed in front of it, they gradually work along the trough until removed by the attendant and banded.



## ROUND HOLE PERFORATING MACHINE.



The line of pins in the above Machine is divided into sections, which are so arranged, that, when cross perforation is required, the necessary blank space can easily be made in two minutes by a simple operation.

This is effected *without removal of pins* as in other Machines, which is a dangerous and tedious process.

									£	s.	d.
To Perforate 20 inches	...	...	...	...	...	...	...	...	17	0	0
„ 27 „	...	...	...	...	...	...	...	...	19	10	0
„ 30 „	...	...	...	...	...	...	...	...	23	0	0

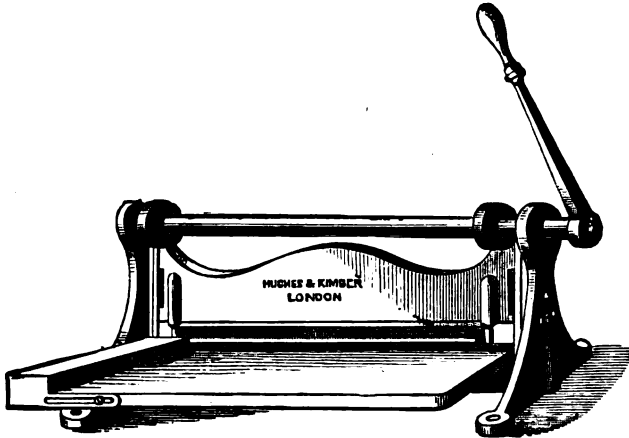
Extra Pins, 15/-  $\nabla$  set of 500.

## HAND PERFORATOR.

----- (straight line).

Price, 10/-

## LEVER PERFORATING MACHINE, ROUND HOLE,

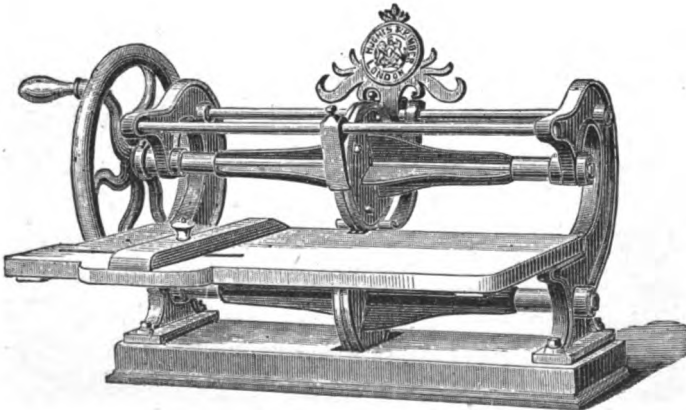


*To stand on Bench or Counter.*

								£	s.	d.
No. 1, to perforate 12 inches, leaving one inch blank for cross-perforation	...							6	10	0
„ 2, „ 13 „ four inches of which form a moveable section										
for cross-perforation	...	...	...	...	...	...	...	8	0	0

## PATENT ROTARY ROUND-HOLE PERFORATING MACHINE,

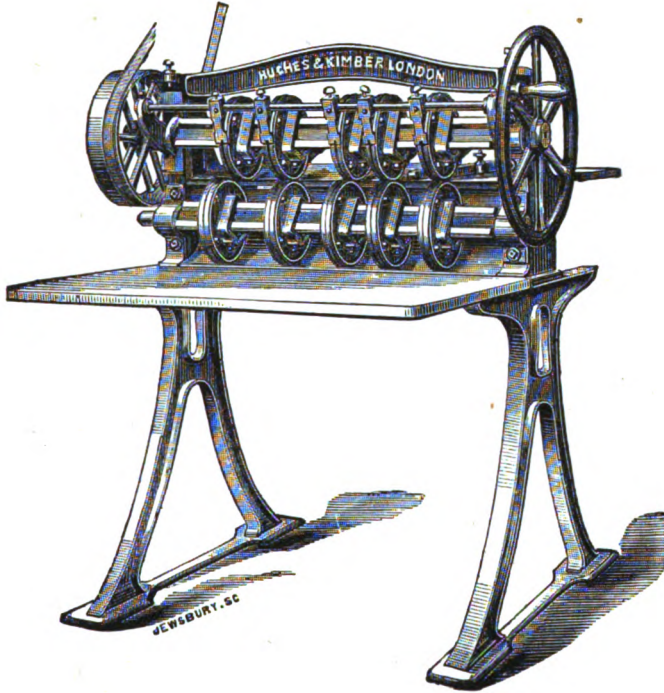
WITH ONE SET OF FIXED WHEELS.



								£	s.	d.
Elegantly finished, with polished-mahogany Table	...	...	...	...	...	...	...	17	0	0
Ordinary make, with unpolished ditto	...	...	...	...	...	...	...	14	0	0

PATENT ROTARY ROUND-HOLE PERFORATING MACHINE.

WITH MOVEABLE WHEELS.



The rapidity with which Paper can be perforated by the above Machine depends only upon the dexterity of the person working it.

The wheels for effecting the perforation are placed upon triangular shafts, and can be moved and adjusted to any position on the shafts, which are 2 ft. 6 in. long. On the circumference of each wheel (measuring 22½ inches) 300 steel punches are placed; these work in 300 steel holes in the lower wheel.

The Paper or Card is fed to the front gauge on the table; the punches immediately grip it and carry it between the wheels, thereby effecting the perforation.

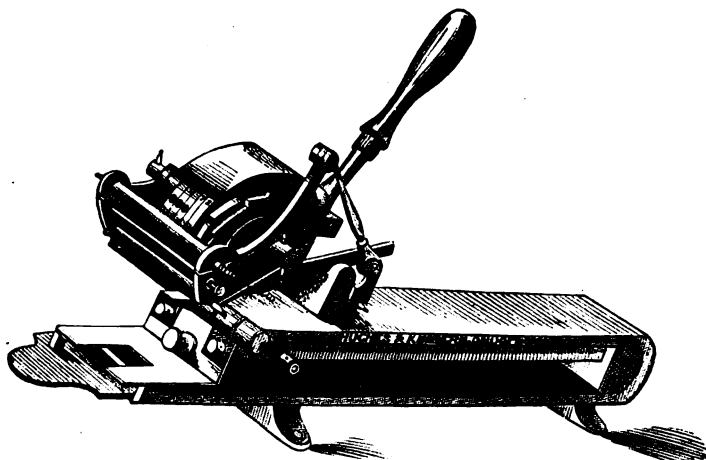
The punches are not more than ¼-inch long, and the action being rotary, they never leave the corresponding holes in the lower wheel; consequently the punches never break, and the particles of paper are cut so clearly out that the sheets, though fed four or five together, are free, and do not require separation after perforation. All kinds of Paper, from tissue to card board, are perforated with equal clearness.

The Machines are made to perforate any number of lines at one time, according to the number of wheels, and are therefore very useful for perforating sheets of postage and other stamps.

										£	s.	d.
With 1 set of wheels	...	...	...	...	...	...	...	...	...	22	0	0
" 2 "	...	...	...	...	...	...	...	...	...	33	0	0
" 3 "	...	...	...	...	...	...	...	...	...	44	0	0
" 4 "	...	...	...	...	...	...	...	...	...	55	0	0
" 5 "	...	...	...	...	...	...	...	...	...	66	0	0
" 6 "	...	...	...	...	...	...	...	...	...	77	6	0
" 7 "	...	...	...	...	...	...	...	...	...	88	0	0
" 8 "	...	...	...	...	...	...	...	...	...	99	0	0
" 9 "	...	...	...	...	...	...	...	...	...	110	0	0
" 10 "	...	...	...	...	...	...	...	...	...	121	0	0
" 11 "	...	...	...	...	...	...	...	...	...	132	0	0
" 12 "	...	...	...	...	...	...	...	...	...	143	0	0



## HAND PAGING OR NUMBERING MACHINE.



This Machine is simple in its construction, very portable, and can be worked upon a bench or counter. It numbers consecutively, alternately, in duplicate, and also in triplicate, quadruplicate and quintuplicate, if required.

	£	s.	d.
Machine with 5 gun metal wheels, numbering to 99,999	13	10	0
Extra set of wheels ...	5	0	0
Machine with 6 gun metal wheels, numbering to 999,999	14	10	0
Extra set of wheels ...	6	0	0
If with first two wheels of steel, extra per set	2	0	0
Machine with 5 steel wheels	18	10	0
Extra set of wheels ...	10	0	0
Machine with 6 steel wheels	20	10	0
Extra set of wheels ...	12	0	0

## HAND PAGING MACHINE ON IRON STAND.

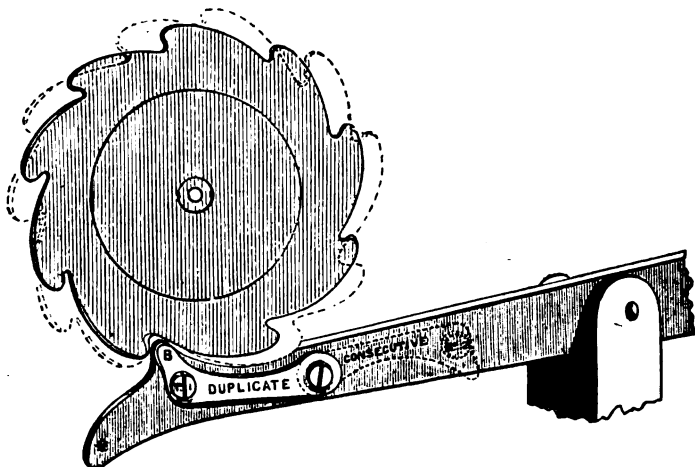
	£	s.	d.
Machine with 5 gun metal wheels, on iron stand, with shifting head and rising table	18	0	0
Machine with 6 gun metal wheels, ditto ditto	19	0	0
If with first two wheels of steel, extra per set	2	0	0
Machine with 5 steel wheels, ditto ditto	23	0	0
„ „ 6 „ „	25	0	0

For Specimens of Figures, see page 89.

Alphabet fitted to above Machine, for particulars, see page 89.

## DIRECTIONS FOR WORKING THE HAND PAGING MACHINE.

No. 1.

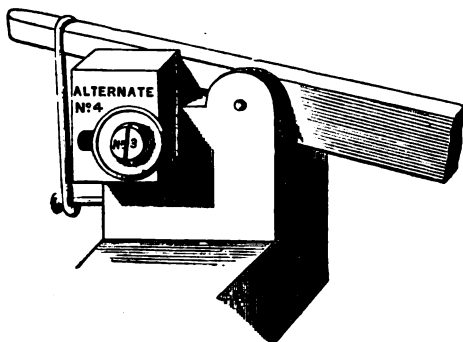


1.—The Machine, as in drawing No. 1, is set for Duplicate Check numbering, all the Figures being in a line.

The whole of the O's, except the first or unit wheel, should be in a line just at the shield and the No. 1 of unit wheel, half-way between the O's and the next figures.

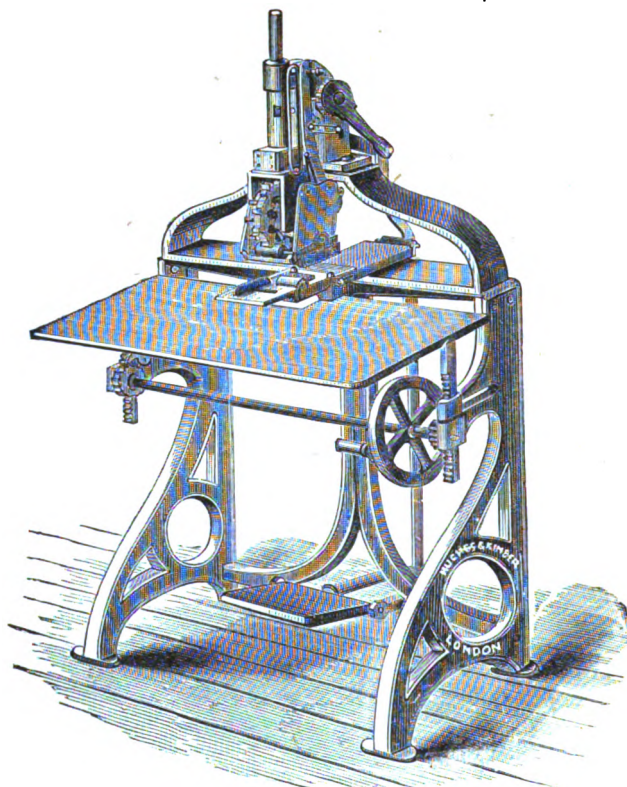
2.—For consecutive numbering, take the screw No. 1 out, turn the lever marked B over, and place the screw through No. 2 (as shown by the dotted lever).

No. 2.



3.—For alternate numbering (Drawing No. 2) slacken the screw marked No. 3 on block at back of Machine, and push back the slotted block No. 4. When you work the alternate motion, be careful that the lever B is turned to No. 2, as dotted drawing; and when working the consecutive or duplicate motion, see that the slotted block No. 4 is pushed back up to the Machine. Move the figures when setting them for working with a piece of pointed hard wood, the unit wheel will move best forward if the hand is pressed on the end of the fork marked x, the others will move either way, so as to get them in a line.

## TREADLE PAGING OR NUMBERING MACHINE.



This Machine possesses all the latest improvements—iron stand, mahogany rising table to suit the various thicknesses of books, &c., tape movement; and numbers consecutively, alternately, in duplicate, and also in triplicate, quadruplicate and quintuplicate, if required.

	£	s.	d.
With 6 gun metal wheels numbering to 999,999	32	0	0
Extra set of wheels	6	0	0
If with first two wheels of steel, extra per set	2	0	0
With 6 steel wheels	38	0	0
Extra set of wheels	12	0	0

These Machines (both hand and treadle) are also made, if required, with an alphabet attached, which is very simple. The letters are easily changed, and can be adjusted so as to print above, below, or on a line with the figures.

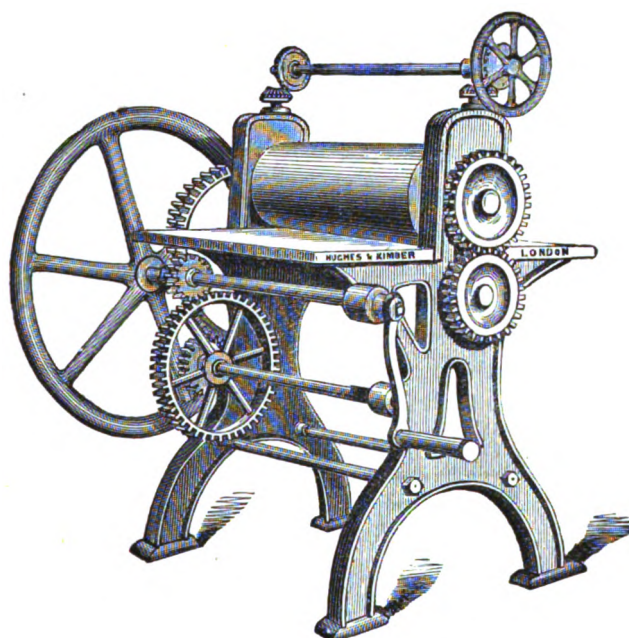
	£	s.	d.
Gun metal alphabet fitted to gun metal wheels	2	0	0
Steel " " steel "	2	10	0
Steel " " " "	4	10	0

## SPECIMENS OF FIGURES.

No. 1.  
385No. 2.  
242No. 3.  
573No. 4.  
653No. 5.  
846No. 6.  
260No. 7.  
957

# BOOK ROLLING AND PAPER-GLAZING MACHINE,

WITH FINE-GRAINED IRON ROLLERS.

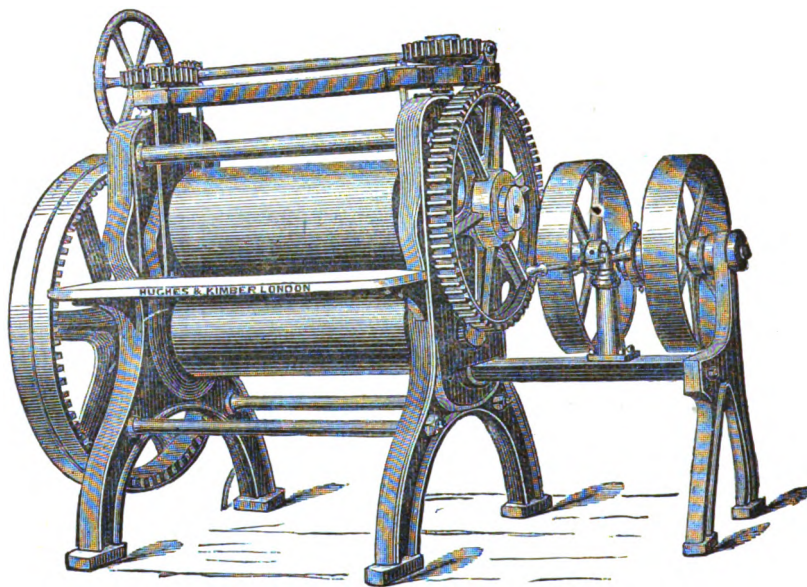


This Machine is made for rolling books, and for glazing paper, cards, photographs, labels, and tickets printed in gold, silver, bronze, &c.

TO ROLL							FOR HAND POWER	FOR STEAM POWER
							£	£
18 inches wide, single gear	...	...	...	...	...	...	25	35
18    "       with double gear and bevel gear for setting top roller							32	40
20    "       "       "       "       "							38	46
24    "       "       "       "       "							52	60
30    "       "       "       "       "							80	90
33    "       "       "       "       "							105	115
36    "       "       "       "       "							130	140

							s. d.
Zinc Glazing Plates	...	...	...	...	...	per lb.	0 8
Copper    "	...	...	...	...	...	"	2 0
Brass     "	...	...	...	...	...	"	2 0

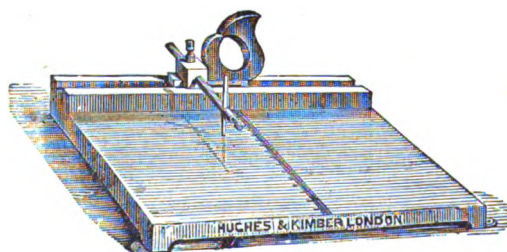
# PAPER-GLAZING MACHINE FOR STEAM POWER, WITH CHILLED IRON ROLLERS.



*With Clutch Motion for Reversing Rollers.*

									£	s.	d.
To roll 27 inches wide	...	...	...	...	...	...	...	...	150	0	0
„ 33 „	...	...	...	...	...	...	...	...	175	0	0
„ 36 „	...	...	...	...	...	...	...	...	200	0	0

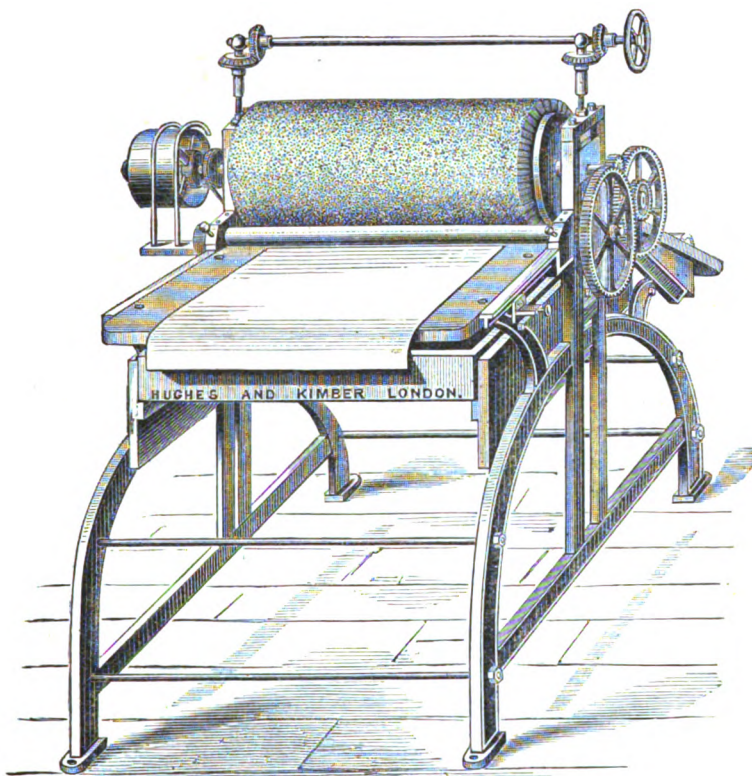
## SCORING MACHINE,



FOR BOX MAKERS, &c.

									£	s.	d.
16 x 12 inch	...	...	...	...	...	...	...	...	5	0	0
24 x 16 „	...	...	...	...	...	...	...	...	8	0	0
30 x 20 „	...	...	...	...	...	...	...	...	10	0	0

## PAPER-BRUSHING MACHINE, FOR STEAM POWER.



*24 inches wide, £45.*

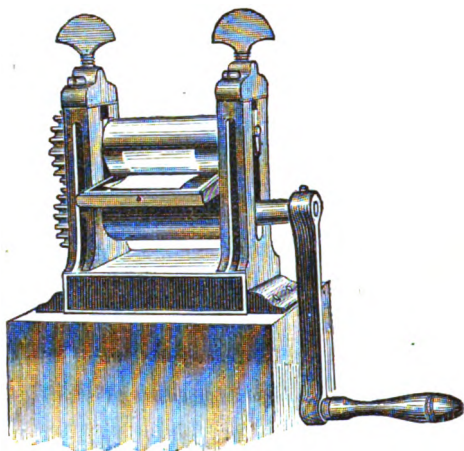
The above Machine is constructed to supply a long-felt want in the paper-making trade. It chalks and glazes enamelled and surfaced papers and cardboards of every description, and fills up the pores in and glazes linen paper for collars, &c. ; also imparts a fine gloss to playing cards.

The manufacture of enamel paper is much facilitated by means of this Machine, as most of the hand labour hitherto required is dispensed with. The paper, having first been coated with satin white and dried, requires to be passed only once through the Machine ; it is then brushed and finished equally all over the sheet, leaving scarcely any margin. This is accomplished by means of self-acting rollers directly under the brush, which pass the paper slowly through the Machine, while the brush is revolving at a much more rapid rate, the chalk being dusted on at the same time from a self-acting chalk box.

While the Machine is at work, the brush is enclosed in a tight-fitting mahogany case, which prevents the chalk escaping.

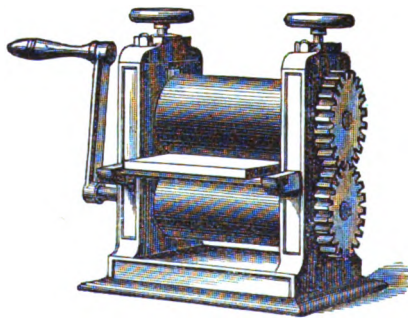


## PHOTOGRAPHIC GLAZING MACHINES.



CARTE DE VISITE.

						£	s.	d.
Carte de Visite Machine, with Polished Rollers, 4 in. long	...	...	...	...	...	2	0	0
„ „ with Planed Iron Plank and Polished Steel Plate,								
3½ in. x 7 in.	...	...	...	...	...	2	10	0

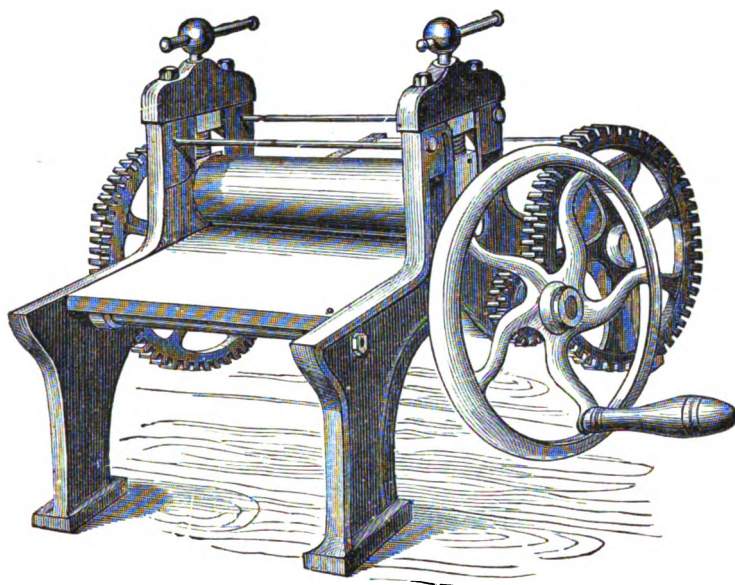


AMATEUR.

									£	s.	d.
Amateur Machine, with Planed Iron Plank and Polished Steel Plate,											
6 in. x 9 in.	...	...	...	...	...	...	...	...	4	0	0



## PHOTOGRAPHIC GLAZING MACHINE.



## DOUBLE GEARED,

*With Planed Iron Plank and Polished Steel Plate.*

## SIZE OF STEEL PLATE.

SIZE OF STAIRS PLATE.												£	s.	d.	
No. 1,	...	...	INCHES.			...	...	...	...	...	...	...	...	...	...
" 2,	...	...	8	x	10	...	...	...	...	...	...	...	6	0	0
" 3,	...	...	10	x	12	...	...	...	...	...	...	...	7	0	0
" 4,	...	...	12	x	18	...	...	...	...	...	...	...	8	10	0
" 5,	...	...	15	x	21	...	...	...	...	...	...	...	10	10	0
" 6,	...	...	18	x	24	...	...	...	...	...	...	...	14	0	0

## PHOTOGRAPHIC GLAZING MACHINE.

## EXTRA QUALITY.

This Machine has an extra thick Steel Plate, thereby ensuring greater truth of surface. The roller shafts run in gun metal bearings, and there are other improvements, which fully compensate for the extra price.

## SIZE OF STEEL PLATE.

SIZE OF STEEL TIE.													
		INCHES.								£	s.	d.	
No. A,	...	...	12	×	18	...	...	...	...	...	12	0	0
„ B,	...	...	15	×	21	...	...	...	...	...	15	0	0
„ C,	...	...	18	×	24	...	...	...	...	...	20	0	0

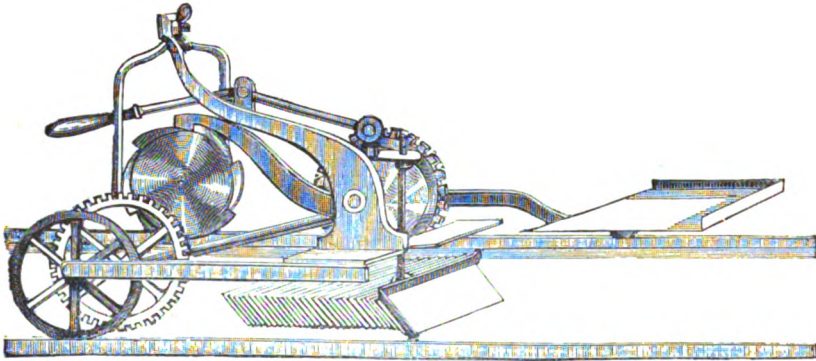
If with Bevel Gearing for raising or lowering both ends of the Roller at once:—8 × 10, 40/- extra. 10 × 12, 40/- extra.  
12 × 18, 40/- extra. 15 × 21, 40/- extra. 18 × 24, 45/- extra.

## PHOTOGRAPHIC GLAZING MACHINES.

FOR ROLLING WITH HEATED STEEL PLATE.

*Estimates on application.*

## BLACK-BORDERING MACHINE.



*Price, £20.*

By the aid of this Machine a ream of note paper can be black bordered in twenty minutes ; it is available for all sizes, from a 3rd-large card to medium 4-to, for flat or folded envelopes ; and in addition to the ordinary trade width, any intermediate width can be obtained in less than a minute.

The process is as follows :—the sheets are taken in hand by a girl, who arranges them on a board ; the precision with which the several sheets overlap each other being effected by an apparatus which travels over the board and fixes the place of each sheet of paper, the girl simply working the handle and pressing the edge of each sheet against a frame. In a minute or two the long board is thus entirely covered, each sheet with just so much of its surface exposed as may be required to constitute the black border. Another girl takes the board, and in a few seconds covers all the exposed edges with black bordering Ink. When this is dry the black-edge note-paper is ready for packing.

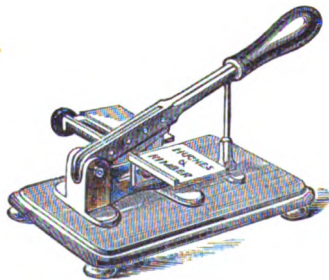
The width of the border is determined and regulated by the size of the teeth of the ratchet wheel that effects the step-by-step motion requisite for placing the sheets or envelopes in due position for the process of blacking, and the requisite variety of depth is of course obtained by a system of change wheels.

Fifteen thousand sheets per day can thus be black bordered by an expert hand.

*Black-Bordering Ink, 10/- per gallon.*

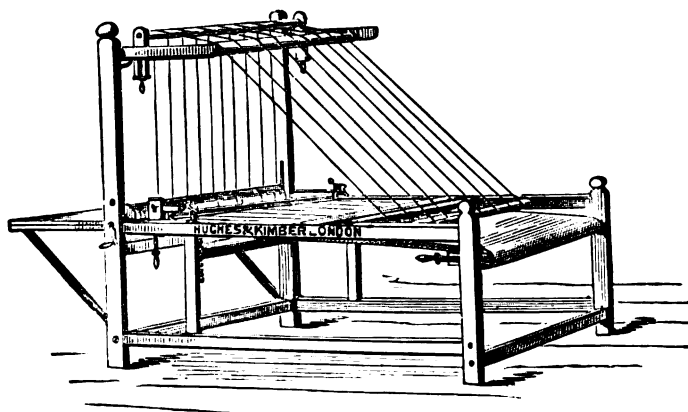
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## RULING-PEN MAKING MACHINE.



*Price, £4 10s.*

## PAPER-RULING MACHINE.



										£	s.	d.
30 inches wide	...	...	...	...	...	...	...	...	...	10	10	0
32 "	...	...	...	...	...	...	...	...	...	11	0	0
34 "	...	...	...	...	...	...	...	...	...	11	10	0
36 "	...	...	...	...	...	...	...	...	...	12	0	0
38 "	...	...	...	...	...	...	...	...	...	13	0	0
40 "	...	...	...	...	...	...	...	...	...	14	0	0
42 "	...	...	...	...	...	...	...	...	...	14	10	0
44 "	...	...	...	...	...	...	...	...	...	15	0	0
46 "	...	...	...	...	...	...	...	...	...	15	10	0
48 "	...	...	...	...	...	...	...	...	...	16	0	0

*The above Prices include Cloth, Pen Frame and String.*

## IMPROVED PAPER-RULING MACHINE.

*Made of Birch, and with Brass Carriage Slides.*

										£	s.	d.
30 inches wide	...	...	...	...	...	...	...	...	...	15	0	0
36 "	...	...	...	...	...	...	...	...	...	16	5	0
42 "	...	...	...	...	...	...	...	...	...	17	10	0
48 "	...	...	...	...	...	...	...	...	...	18	10	0

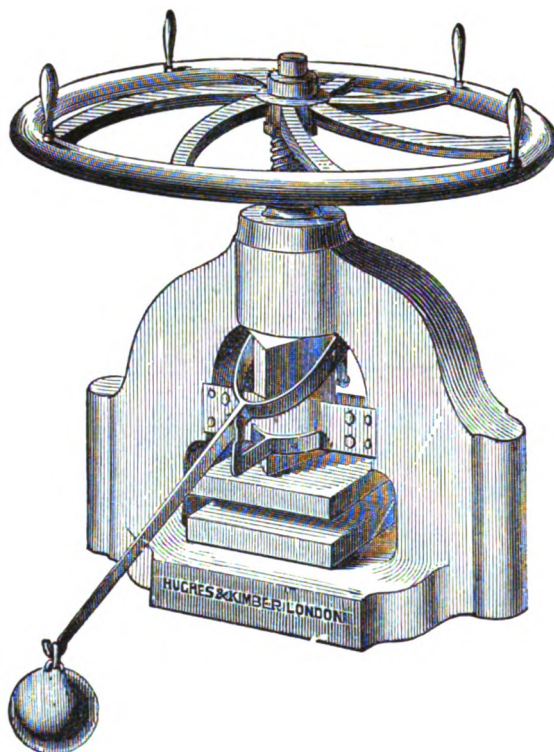
*The above prices include Cloth, Pen Frame and String.*

If with appliance to lengthen travel of Sheet, so as to allow time for drying, £3 to £5 extra.

## ACCESSORIES FOR RULING MACHINE.

REQUISITES FOR RULING MACHINE.								£	s.	d.
Mahogany Pen Frames, with Thumb-Screws, single	...	...	...	...	...	per foot	0	2	6	

## EMBOSSING PRESS.



Brass Box full length of Head, and Treble-threaded Screw.

	INCHES.									£	s.	d.
Size of Platen,	6½ x 8½	...	...	...	...	...	...	...	...	26	10	0
"	8½ x 10½	...	...	...	...	...	...	...	...	32	0	0
"	10 x 12	...	...	...	...	...	...	...	...	46	0	0
"	12 x 14	...	...	...	...	...	...	...	...	58	0	0
"	14 x 18	...	...	...	...	...	...	...	...	70	0	0

## LEAF METAL AND BRONZE POWDER.

*See pages 119 and 120.*

## SCORING MACHINE.

*See page 91.*

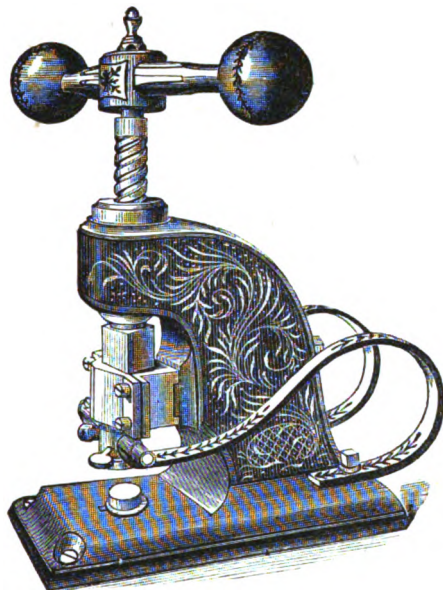
## CARD AND MILLBOARD CUTTING MACHINES.

*See pages 79 and 80.*

## STATIONERS' EMBOSSING AND LEVER PRESSES.

*See pages 98, 99 and 100.*

## SCREW EMBOSSING PRESS.



*For Stamping Labels, Envelopes, Note Paper, &c., in Plain, Relief, or Camco.*

								£	s.	d.
No. 1, for 1½-inch dies	...	...	...	...	...	...	...	4	10	0
„ 2, „ 2 „ „	...	...	...	...	...	...	...	6	0	0
„ 3, „ 3 „ „	...	...	...	...	...	...	...	8	0	0

Mahogany Table and Gauge, 15/-, 15/- and 20/- respectively, extra.

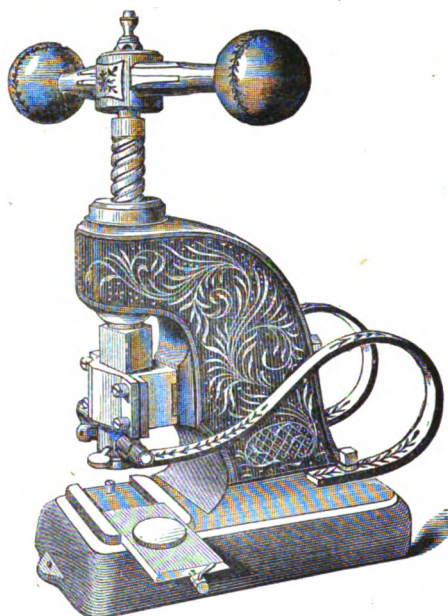
## ASSORTMENT OF COLOURS AND ACCESSORIES

## FOR RELIEF STAMPING.

								s.	d.
4 oz. Finest Ultramarine	...	...	...	...	...	10/-	per lb.	2	6
4 oz. Terre de Sienne	...	...	...	...	...	1/6	„	0	5
4 oz. Terre d' Ombre	...	...	...	...	...	1/6	„	0	5
1 oz. Finest French Carmine	...	...	...	...	...	...	„	8	6
4 oz. French Chrome	...	...	...	...	...	3/-	„	0	9
2 oz. Light Green Lake	...	...	...	...	...	5/-	„	0	8
2 oz. Dark „ „	...	...	...	...	...	5/-	„	0	8
2 oz. Fine Magenta Lake	...	...	...	...	...	9/-	„	1	2
4 oz. Drop Mauve Lake	...	...	...	...	...	10/-	„	2	6
4 oz. French Vermillion	...	...	...	...	...	7/-	„	1	9
4 oz. French Drop White	...	...	...	...	...	2/-	„	0	6
2 oz. Lavender	...	...	...	...	...	9/-	„	1	2
12 Stoppered Bottles	...	...	...	...	...	...	„	10	0
¼-pint Finest Copal Varnish 1/6, and Bottle 6d.	...	...	...	...	...	...	...	2	0
¼-pint Finest Mastic Varnish 6/6, and Bottle 6d.	...	...	...	...	...	...	...	7	0
4 Brushes, 3d.	...	...	...	...	...	...	...	1	0
1 7-inch Palette Knife	...	...	...	...	...	...	...	1	0

£2 2 0

## IMPROVED SCREW EMBOSsing PRESS, WITH SLIDING BED.



*For Stamping Labels, Envelopes, Note Paper, &c., in Plain, Relief, or Cameo.*

								£	s.	d.
No. 1, for 1½-inch dies	...	...	...	...	...	...	...	5	0	0
" 2, " 2 " "	...	...	...	...	...	...	...	6	10	0
" 3, " 3 " "	...	...	...	...	...	...	...	8	10	0

Mahogany Table and Gauge, 15/-, 15/- and 20/- respectively, extra.

### CAMEO INKS.

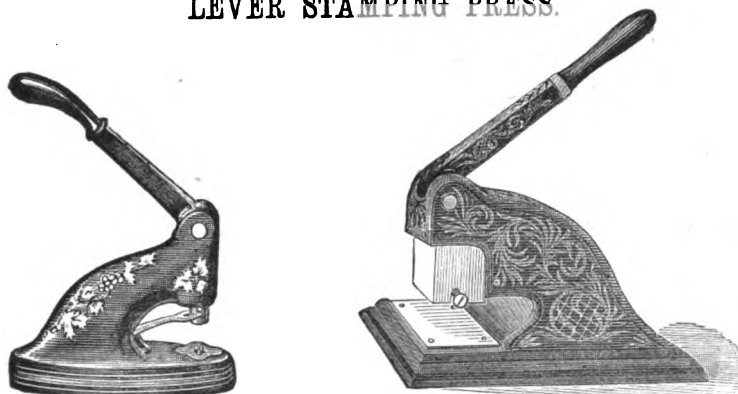
			s.	d.				s.	d.
Red ...	...	per lb.	10	0	Bronze Blue	...	per lb.	8	0
Ultramarine	...	"	10	0	Pink	...	"	8	0
Violet	...	"	10	0	Light Brown	...	"	4	0
Light Green	...	"	6	0	Dark "	...	"	4	0
Dark "	...	"	6	0	Yellow	...	"	4	0
Chocolate	...	"	10	0	Carmin	...	"	80	0
Lavender	...	"	10	0	Crimson	...	"	20	0

*Any Colour or Shade to order.*

### SUNDRIES, FOR RELIEF AND CAMEO STAMPING.

				s.	d.
Stone Ink Slab	...	...	...	2	0
Marble Muller	...	...	...	3	0
Cameo Roller	...	...	...	3	6
Brushes	...	...	per dozen 2/6, 3/- and	4	0
Palette Knife	...	...	...	...	...
Finest Copal Varnish	...	...	per half-pint bottle	2	0
Finest Paper	...	...	"	2	0
Finest Mastic	...	...	"	7	0
Imitation Gold Bronze, made specially for stamping	...	...	per oz.	5	0
" Silver	...	...	"	2	0
Real Gold	...	...	per dwt.	8	6
" Silver	...	...	per oz.	12	6
Crimson, Copper or Green ditto	...	...	"	2	0

# LEVER STAMPING PRESS.



*Second Quality.*

	£	s.	d.
No. 1, for 1 inch dies ...	0	7	0
„ 2, „ 1½ „ ...	0	11	0
„ 3, „ 2 „ ...	0	16	0
„ 4, „ 2½ „ ...	1	9	0

*Best Quality.*

	£	s.	d.
No. 1, for 1 inch dies ...	0	12	0
„ 2, „ 1½ „ ...	0	15	6
„ 3, „ 1½ „ ...	0	19	0

The above prices do *not* include Die and Counterpart. Dies engraved to order.

## STEEL DIES.

### ROUND.

				With Shanks.	Without Shanks.
				s. d.	s. d.
¾ inch diameter ...	...	...	per doz.	7 0	5 0
1 inch „ ...	...	...	„	8 0	6 0
1½ „ „ ...	...	...	„	9 0	7 0
2 „ „ ...	...	...	„	10 0	8 0
2½ „ „ ...	...	...	„	11 0	9 0
3 „ „ ...	...	...	„	15 0	12 0

*Larger sizes to order.*

### OVAL, WITH SHANKS.

		s. d.
1 inch long ...	per doz.	10 6
1½ „ „ ...	„	12 6
2 „ „ ...	„	18 0
2½ „ „ ...	„	28 0

### ADDRESS, WITH SHANKS.

INCHES.		s. d.
2 x ½ ...	per doz.	8 6
2 x ¾ „ ...	„	9 0
2 x 1 „ ...	„	9 6
2 x 1½ „ ...	„	10 0

*Other Sizes and Shapes to order.*

## DIE SINKING.

Monogram, Address, Crest and Companies' Dies engraved in best style.

*Designs and Estimates on application.*

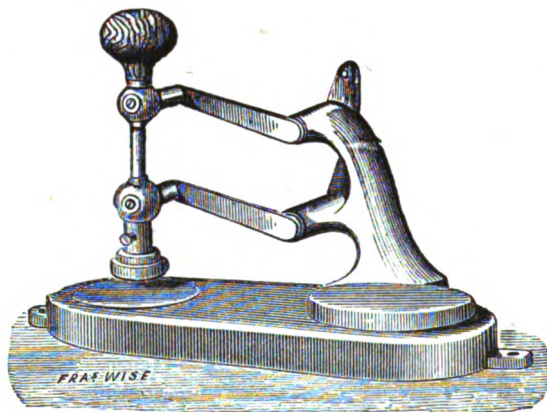
## STEEL PUNCHES FOR DIE SINKING.

Roman,	caps,	per set (alphabet and figures)	... £2, £3, and £4
„	„ motto,	„ „	... £4, £5, and £6
„	lower case,	„ „	... „ „ „
Egyptian,	caps,	„ „	£1 12s., £2 5s., and £3
„	„ motto,	„ „	£3, £3 10s., and £4
Sanserif,	„ „	„ „	£1 12s., £2 5s., and £3
„	„ „	„ „	£3, £3 10s., and £4
Old English,	„ „	„ „	... „ „ „
„	lower case,	„ „	... „ „ „
Shaded Egyptian,	caps,	„ „	... „ „ „

*All other kinds of Plain and Ornamental Punches made to pattern.*

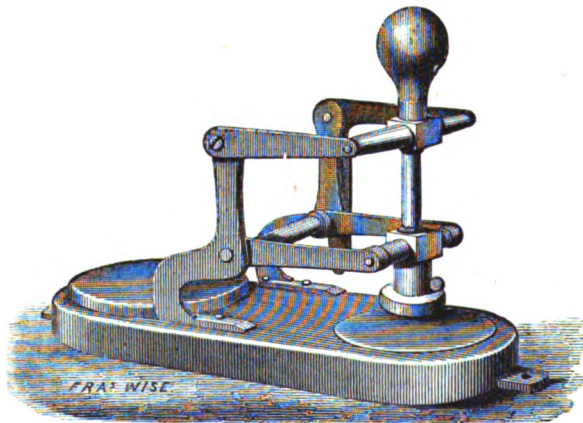


## PATENT ENDORSING PRESSES.



SINGLE FRAME.

No.	0,	pad 2	inches diameter	...	...	...	...	...	...	£	s.	d.
"	1,	"	3½	"	...	...	...	...	...	1	5	0
"	2,	"	3½	"	...	...	...	...	...	1	15	0
"	3,	"	4½	"	...	...	...	...	...	2	2	0
"	3,	"	4½	"	...	...	...	...	...	2	10	0



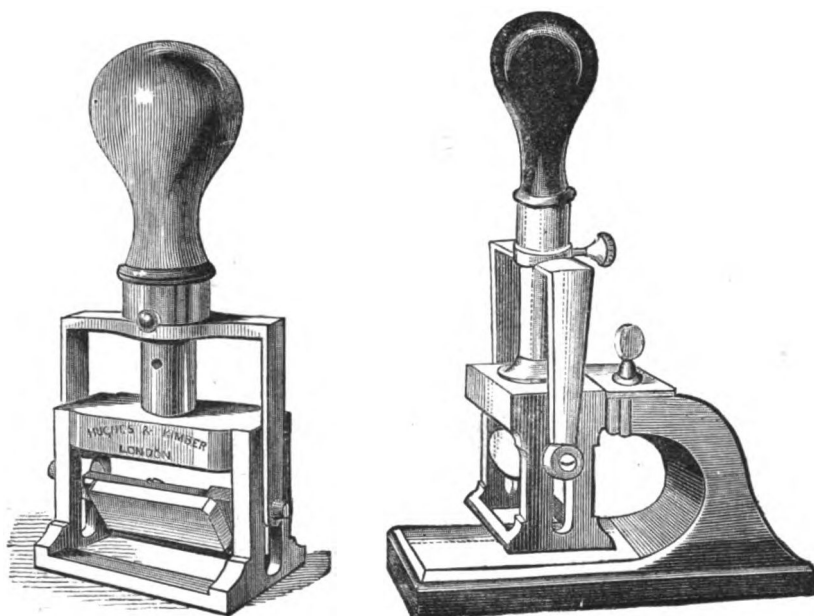
DOUBLE FRAME.

No.	1,	pad 3½	inches diameter	...	...	...	...	...	...	£	s.	d.
"	2,	"	3½	"	...	...	...	...	...	2	12	6
"	3,	"	4½	"	...	...	...	...	...	3	3	0
"	3,	"	4½	"	...	...	...	...	...	3	15	0

These Machines are extensively used in Government Offices, by Bankers, Railway Companies, and Mercantile Firms, and are universally admitted to be the best mechanical means of endorsing, both for simplicity and durability. They produce a clear impression with accuracy and dispatch. One of the advantages of this Machine over all others is, that any number of stamps can be fitted to it with facility, and different coloured inks used by having separate pads, which revolve so that a fresh surface can at any time be brought under the stamp.

*Stamps of any description engraved to order. Designs and estimates on application.*

# SELF-INKING ENDORSING AND STAMPING PRESS.



## WITH OBLONG OR OVAL STAMPS.

SIZE OF STAMP. INCHES.			SIZE OF STAMP. INCHES.		
No.	INCHES.	s. d.	No.	INCHES.	s. d.
No. 1,	1 x 3/4	5 6	No. 9,	2 1/2 x 1 1/2	13 9
2,	1 1/2 x 1 1/2	6 0	10,	3 x 1 1/2	14 3
3,	1 1/2 x 1	7 3	11,	3 1/2 x 1 1/2	15 9
4,	1 1/2 x 1 1/2	8 9	12,	2 x 1 1/2	9 0
5,	2 x 1 1/2	10 3	13,	2 1/2 x 1 1/2	10 0
6,	2 x 1	9 0	14,	3 x 1 1/2	12 9
7,	2 1/2 x 1 1/2	10 6	15,	3 x 1 1/2	17 0
8,	2 1/2 x 1 1/2	12 0	16,	3 1/2 x 1 1/2	17 0

*Stands, 5/- and 6/- extra.*

## WITH ROUND OR SQUARE STAMPS.

SIZE OF STAMP. INCHES.			SIZE OF STAMP. INCHES.		
No.	INCHES.	s. d.	No.	INCHES.	s. d.
No. 1,	3/4 inch diameter	5 6	No. 5,	1 1/2 inch diameter	9 6
2,	1/2 "	6 0	6,	1 1/2 "	10 3
3,	1 "	7 3	7,	1 1/2 "	12 6
4,	1 1/2 "	8 9	8,	1 1/2 "	15 0

*Stands, 5/- and 6/- extra.*

# SELF-INKING STAMPING PRESS.

## WITH SHIFTING DATES.

SIZE OF STAMP. INCHES.			SIZE OF STAMP. INCHES.		
No.	INCHES.	£ s. d.	No.	INCHES.	£ s. d.
No. 1,	1 x 1 1/2	0 18 0	No. 6,	2 x 2	1 18 0
2,	1 1/2 x 1 1/2	1 0 0	7,	2 1/2 x 1 1/2	1 18 0
3,	1 1/2 x 1	1 4 0	8,	3 x 1 1/2	2 3 0
4,	2 x 1	1 7 0	9,	4 x 1 1/2	2 8 0
5,	2 x 1 1/2	1 15 0	10,	3 x 1 1/2	2 8 0

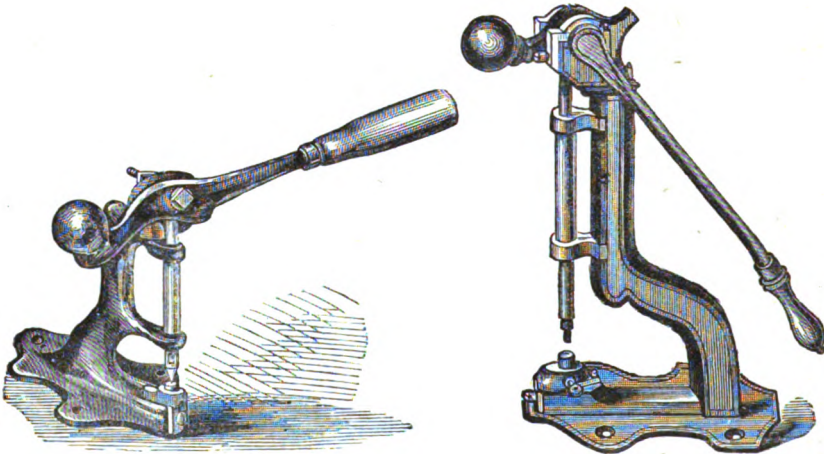
*Stands, 5/-, 6/-, and 7/- extra.*

Engraving Stamps, 2/6 per dozen Plain Letters, 4/6 per dozen Script or Writing.

### ENDORISING AND STAMPING INK.

Black, Blue or Green	...	...	...	...	per lb.	s. d.
Red	...	...	...	...	"	6 0
Black, Blue or Green, in $\frac{1}{4}$ -oz. bottles	...	...	...	...	per doz.	9 0
"	1-oz.	"	...	...	"	5 0
Red	$\frac{1}{4}$ -oz.	"	...	...	"	8 0
"	1-oz.	"	...	...	"	7 6
"			...	...	"	12 0

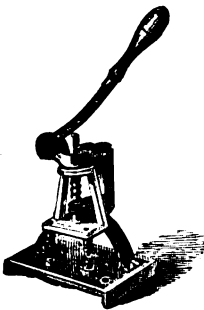
### PUNCHING AND EYELETING MACHINES.



£1 8s.

£2.

Complete, with Punches and Closers for three sizes of Eyelets.



### DOUBLE EYELET PRESS.

FOR OFFICE USE.

With Punch and Closer ... .. 10/6

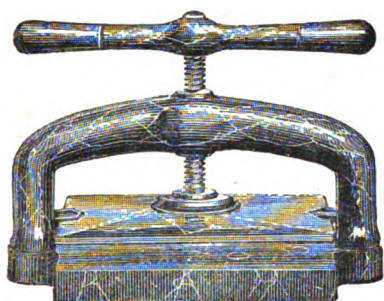
Eyelets for ditto, 7d. per 1,000.

### EYELETS.

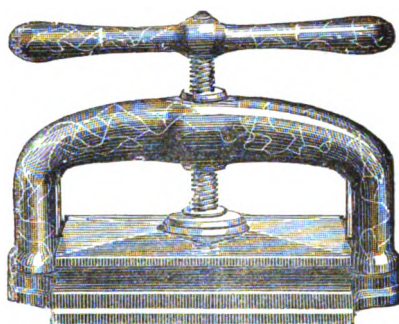
WHITE OR YELLOW.

No. 1, per 1000	...	...	...	...	...	...	...	...	...	s. d.
" 2, "	...	...	...	...	...	...	...	...	...	0 6
" 3, "	...	...	...	...	...	...	...	...	...	0 7
" 4, "	...	...	...	...	...	...	...	...	...	0 9
Extra deep "	...	...	...	...	...	...	...	...	...	1 0
	...	...	...	...	...	...	...	...	...	1 0

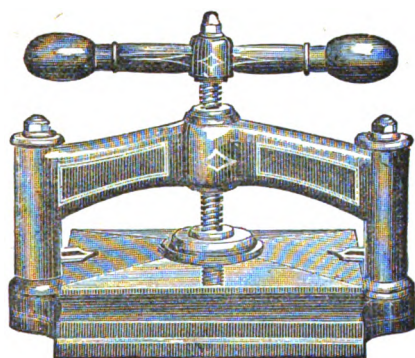
COPYING PRESSES.



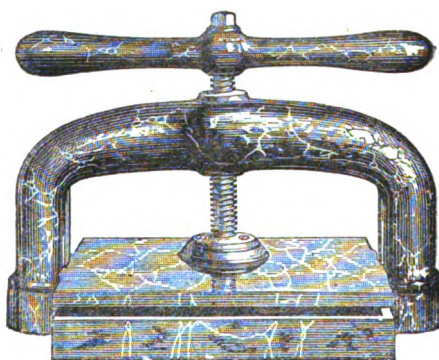
No. 0 Quarto.



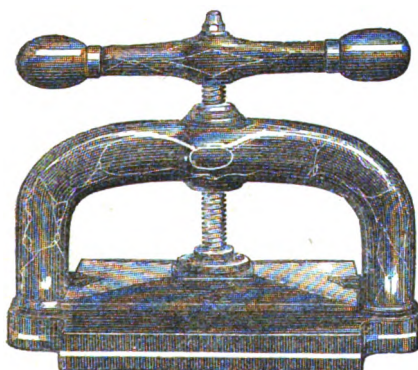
No. 1 Quarto.



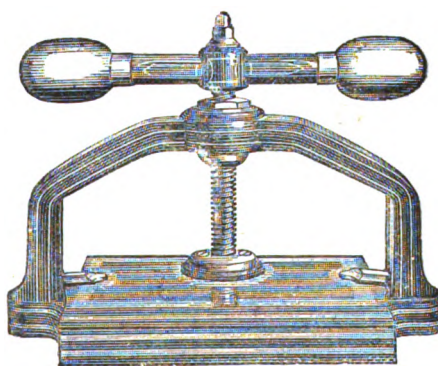
No. 1A Quarto.



No. 5 Quarto.



No. 2 Quarto, brass balls.



No. 5 Quarto, wrought-iron beam and brass balls.

## NET TRADE PRICE LIST OF COPYING PRESSES,

WITH DOUBLE-THREADED SCREWS.

				Cast Beam.			Cast Beam with Brass Balls.			Wrought Iron Beam, Filleted.			Wrought Iron Beam and Brass Balls, Filleted.			
No.				£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
0	Quarto,	plain black japanned	...	0	19	6	...	...	...	...	...	...	...	...	...	
0	"	black japanned and marbled	...	1	0	6	...	1	5	0	2	5	0	2	11	0
1	"	"	...	1	4	6	...	...	...	...	...	...	...	...	...	
1A	"	mottled and marbled, or filleted	...	1	6	6	...	1	12	0	...	...	...	...	...	
2	"	black japanned and marbled	...	1	8	0	...	1	14	0	...	...	...	...	...	
3	"	"	10 × 12	1	9	6	...	...	...	...	...	...	...	...	...	
4	"	mottled and marbled	10 × 12	1	12	6	...	...	...	...	...	...	...	...	...	
5	"	"	10 × 12	2	1	0	...	2	9	0	2	17	0	3	3	0
1	Foolscap,	black japanned and marbled	...	1	16	6	...	...	...	...	...	...	...	...	...	
1A	"	mottled and marbled	...	2	2	0	...	2	10	6	...	...	...	...	...	
2	"	"	...	2	7	6	...	...	...	...	...	...	...	...	...	
3	"	"	10 × 15	3	0	0	...	3	8	0	3	16	0	4	7	0
1	Folio,	black japanned and marbled	...	3	0	0	...	...	...	...	...	...	...	...	...	
1A	"	mottled and marbled	...	3	7	0	...	3	16	6	...	...	...	...	...	
3	"	"	12 × 18	4	4	0	...	4	13	0	5	7	0	5	18	0
	Demi-Royal	"	18 × 18	6	1	0	...	6	11	0	7	14	0	8	8	0
	Ditto	"	21 × 15	6	14	0	...	7	4	0	8	6	0	8	18	0
	Royal	"	18 × 24	9	0	0	...	9	15	0	11	0	0	11	14	0

## COPYING PRESS STANDS.

												£	s.	d.
Quarto	Pine	1 drawer	...	...	...	...	...	...	...	...	...	0	10	6
"	"	2 "	...	...	...	...	...	...	...	...	...	0	13	0
"	Birch	1 "	...	...	...	...	...	...	...	...	...	0	13	0
"	"	2 "	...	...	...	...	...	...	...	...	...	0	16	6
"	Mahogany	1 "	2nd quality	...	...	...	...	...	...	...	...	0	17	6
"	"	2 "	"	...	...	...	...	...	...	...	...	1	0	0
"	"	1 "	best "	...	...	...	...	...	...	...	...	1	2	0
"	"	2 "	"	...	...	...	...	...	...	...	...	1	5	0
"	"	3 "	"	...	...	...	...	...	...	...	...	1	10	0
Foolscap	Pine	1 "	...	...	...	...	...	...	...	...	...	0	13	0
"	"	2 "	...	...	...	...	...	...	...	...	...	0	16	0
"	Birch	1 "	...	...	...	...	...	...	...	...	...	0	15	0
"	"	2 "	...	...	...	...	...	...	...	...	...	0	19	0
"	Mahogany	1 "	2nd quality	...	...	...	...	...	...	...	...	1	1	0
"	"	2 "	"	...	...	...	...	...	...	...	...	1	4	0
"	"	1 "	best "	...	...	...	...	...	...	...	...	1	4	0
"	"	2 "	"	...	...	...	...	...	...	...	...	1	6	0
"	"	3 "	"	...	...	...	...	...	...	...	...	1	12	0
Folio	Mahogany	1 "	2nd quality	...	...	...	...	...	...	...	...	1	4	0
"	"	2 "	"	...	...	...	...	...	...	...	...	1	6	0
"	"	1 "	best "	...	...	...	...	...	...	...	...	1	6	0
"	"	2 "	"	...	...	...	...	...	...	...	...	1	12	0
"	"	3 "	"	...	...	...	...	...	...	...	...	2	0	0

*Flaps, 6/- extra.*

Copying Books, Quarto	...	...	...	...	...	3/- and	0	4	0
"	Foolscap	...	...	...	...	5/- and	0	6	0
"	Folio	...	...	...	...	6/- and	0	7	0
Oil Paper, Quarto	...	...	...	...	...	½ dozen sheets	0	1	6
Drying Paper	"	...	...	...	...	"	0	0	9
Brush	...	...	...	...	...	...	0	2	0
Water Well	...	...	...	...	...	...	0	2	0
Patent Rotary Damper	...	...	...	...	...	...	0	7	6



## ENGRAVERS' PLATES.

HUGHES & KIMBER, Limited, still continue to devote the utmost care and attention to the manufacture of Copper, Steel, Brass, and Zinc Plates for Engravers. All Plates are selected, and hammered by steam and hand power, and finished in the best manner. H. & K. obtained the only Prize Medals that were awarded for "Plates for Engravers" at the Great Exhibition, 1851, the International Exhibition, 1862, and the Paris Universal Exhibition, 1867.

### COPPER PLATES.

The following list contains all the usual sizes for engraving Visiting Cards, Invoices, Bills of Exchange, and ordinary commercial engraving. Any other size required, dimensions in *inches* should be given.

	INCHES.			s. d.	SELECTED.	s. d.
Third Large Card Plates	3½ × 1½	...	doz.	3 9	...	4 6
Extra Third	3½ × 2	...	"	4 0	...	5 0
Town	3½ × 2½	...	"	4 6	...	5 6
Reduced Small	3½ × 2¾	...	"	6 0	...	7 0
Small or Common	3½ × 2	...	"	6 6	...	7 6
Large	4½ × 3½	...	"	11 0	...	13 0
Double Small	5½ × 3½	...	"	13 0	...	15 0
Double Large	6½ × 4½	...	"	22 0	...	26 0
Note Heading	5 × 1½	...	"	6 0	...	7 0
"	5 × 2	...	"	7 0	...	8 0
Letter Heading	8 × 2	...	"	11 0	...	13 0
Debit Note	5½ × 2½	...	"	9 0	...	10 0
Long Folio	6½ × 2½	...	"	11 0	...	13 0
Shop Heading	4½ × 2½	...	"	8 6	...	9 6
Invoice	7½ × 2½	...	"	13 0	...	15 0
Broad Invoice	8½ × 3½	...	"	18 0	...	20 0
Extra Broad do.	8½ × 3½	...	"	20 0	...	22 0
Bill of Exchange	10½ × 4½	...	"	32 0	...	35 0
"	10 × 4	...	"	27 0	...	30 0
Bill of Lading	11 × 6	...	"	44 0	...	48 0
Quarto	10½ × 8½	...	"	60 0	...	64 0
"	10 × 8	...	"	54 0	...	58 0
Octavo	8½ × 5½	...	"	32 0	...	35 0
"	8 × 5	...	"	27 0	...	30 0
Strips, about 24 inches long and all widths	...	doz.	"	3 1	...	3 6
Sheets, 24 × 16, for cutting up	...	"	"	3 0	...	3 4

COPPER PLATES, specially prepared for engraving Maps, fine etching, line, or other high-class engraving ... ½ lb. 3s. od. & 3s. 6d.

COPPER DOCTOR PLATES, about 21½ × 12, for Bankers' Cheques, ½ lb. 2s. 6d.

COPPER PAPER-GLAZING PLATES, thin, polished on both sides for glazing Paper, Cards, &c., ½ lb., 2s. od. to 2s. 6d.

ERASURES effected at our Customers' risk only.

### STEEL PLATES.

STEEL PLATES, highly-finished, of suitable temper for line, mezzotint, aquatint, or other first-class picture engraving ... ½ square inch 1½d. to 2d.

STEEL PLATES for writing engraving, very mellow, and easily cut with the graver, but yielding a large number of impressions ... ½ square inch 1½d.

STEEL DOCTOR PLATES, 21½ × 12 × ⅛, for bankers' cheques, ... each £3

STEEL PLATES for rolling or glazing cards or photographs, ½ square inch 1d. & 1½d.

## ZINC PLATES.

Zinc, in sheets, about 8 feet x 3 feet, supplied either in the rough state, or flattened, or surfaced. This size is convenient for cutting up into door or window plates.

			s.	d.
Zinc Plates, surfaced, any size to order, with or without Studs at back.	...	...	...	...
Zinc, 24 x 16, polished, for transfer engraving	...	...	7 lb.	1 6
Zinc, polished or grained for zincography, 12 W.G.	...	...	...	1 0
" " " 14 "	...	...	...	1 3
" " " 17 "	...	...	...	1 6
Zinc, surfaced, ready for graining	...	...	7 lb. 10d., 1/- and	1 3
Zinc Paper-glazing Plates, polished on both sides	...	...	7 lb. 6d. to	0 8

Zinc Plates made and engraved for the trade. (See below and next page.)

## BRASS PLATES.

A large stock of Brass, suitable for all sizes of Door and Window Plates. This metal is expressly rolled for engraving Door Plates, is mellow for cutting, of a rich yellow color, and bears a high polish. It is supplied in sheets or strips, either in the rough, or flattened, or flattened and surfaced for cutting up into smaller sizes.

			s.	d.
Brass Plates surfaced, any size to order, with or without Studs at back.	...	...	...	...
Brass Paper-glazing Plates, polished on both sides	...	...	7 lb. 2/- to	2 6
Thin Brass for stencil plates	...	...	...	2 0
Latten Brass for ruling pens	...	...	...	4 6
Extra Thick Brass for Monumental Plates & Die-sinking, fine surfaced	...	...	7 lb. 1	9

## DOOR AND WINDOW PLATE ENGRAVING FOR THE TRADE

Brass and Zinc Window and Door Plates made and engraved for the trade only, and to any shape and pattern. Estimates furnished. The following table shows the cost of most descriptions of plates. All the work is done on the premises, and of the best material and workmanship.

This table is for Window plates, and shows the price for every foot in length of the plate *only*, made, surfaced ready for engraving, and fitted to blocks.

The Engraving is a separate charge, for which see subsequent table.

## BRASS WINDOW PLATES.

Price per foot run.

	Flat, as Patterns		Half-round, as Patterns		O G Shape, as Patterns	
	Nos. 13 & 18.	s. d.	Nos. 14, 17 & 19.	s. d.	Nos. 15, 16 & 20.	s. d.
6 inches wide	3 6	...	4 2	...	4 5	...
7 "	4 0	...	4 11	...	5 2	...
8 "	4 8	...	5 7	...	5 10	...
9 "	5 3	...	6 4	...	6 8	...
10 "	5 10	...	7 0	...	7 4	...
11 "	6 5	...	7 9	...	8 2	...
12 "	7 0	...	8 6	...	9 0	...
13 "	7 7	...	9 3	...	9 9	...
14 "	8 2	...	10 0	...	10 6	...

## ZINC WINDOW PLATES.

Price per foot run.

	Flat, as Patterns		Half-round, as Patterns		O G Shape, as Patterns	
	Nos. 13 & 18.	s. d.	Nos. 14, 17 & 19.	s. d.	Nos. 15, 16 & 20.	s. d.
6 inches wide	2 0	...	2 8	...	2 11	...
7 "	2 4	...	3 2	...	3 5	...
8 "	2 8	...	3 7	...	3 10	...
9 "	3 0	...	4 1	...	4 5	...
10 "	3 4	...	4 6	...	4 10	...
11 "	3 8	...	5 0	...	5 5	...
12 "	4 0	...	5 6	...	6 0	...
13 "	4 4	...	6 0	...	6 6	...
14 "	4 8	...	6 6	...	7 0	...

Angle Caps and Rosettes, extra. Wood Blocks and Fittings, at cost price.





# Specimens of Letters DOOR, WINDOW &

J R K U

1

2

3

4

13

14

15

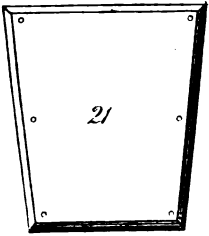
16

9

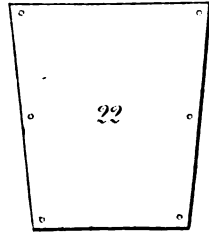
10

D P

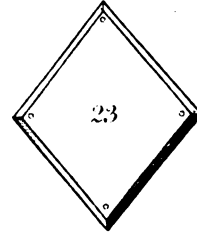
X O



21



22



23

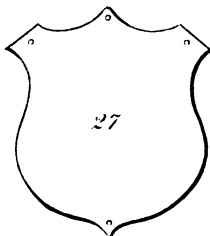
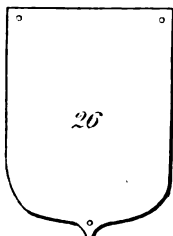
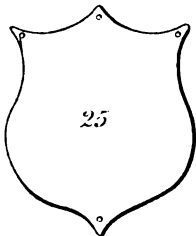
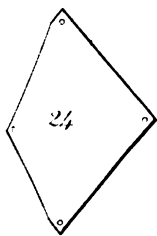
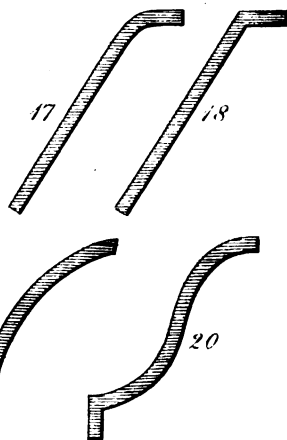
Letters, Shapes, Shields, &c.  
FOR  
W & COFFIN PLATES.

U T B L M

P E N

N E S

WIDRAPER





## ENGRAVING WINDOW PLATES.

Window Plates Engraved in the best manner and to any pattern. A few of the leading plain and fancy letters are given on the annexed sketch. The price charged is at  $\frac{1}{2}$  letter, it varies according to the height and style of each letter, and includes waxing and polishing.

*Scale of charges for letters 3 inches and over, in height.*

2½d.	¾ inch in height,	patterns Nos. 1, 8, 10, and 12.
4d.	„	„ patterns Nos. 5 and 6.
5d.	„	„ patterns Nos. 3, 4 and 7.
6d.	„	„ patterns Nos. 2, 9, and 11.

*For Example:—A Brass Window Plate, half round shape, as pattern No. 19, 8 inches wide, 7 feet long in front, and 2 feet long at each side, engraved as annexed sketch, 412, JONES, DRAPER, would cost:—*

	£	s.	d.
11 feet Brass @ 5/7 ½ foot (see table, page 107) ... ..	2	11	5
Engraved JONES, 5 letters 6 inches high, pattern No. 6, @ 2/- per letter ... ..	0	10	0
„ 412 DRAPER, 9 letters and figures 6 inches high. pattern No. 12, @ 1/3 each ... ..	0	11	3
2 Angle Caps engraved leaf pattern @ 15/-, (or shield pattern 12/6, engraved 2 figures 2/6) ... ..	1	10	0
	<u>£5</u>	<u>2</u>	<u>8</u>

In order to ensure accuracy, it is advisable that our friends in the country should have the wood blocks made by a local carpenter, and sent here for the plates to be fitted to them.

## DOOR, DOOR POST, OFFICE, AND FINDER PLATES.

Brass plates, ¾d. ½ square inch, including studs soldered on, screws and nuts.  
Zinc do., ¾d. do. do. do.  
Large plates, flat, Brass, 1/8 ½ lb. Zinc, rod. ½ lb.  
Studs, soldered on, 6d. each extra.  
„ brazed „ 1/- „

### ENGRAVING:—

Patterns 1, 8, 10, 12, 1-inch and over in height,	2½d. ½ inch.
„ 5, 6,	4d. „
„ 1, 8, 10, 12, ¾-inch and under „	2½d. each.
„ 3, 4, 7,	1½ „ 9d. „
	1½-in. 10d., 2-in. 11d., 2½-in. 1/-, 2½-in. 1/1.
	2½-in. 1/2, 3-in. and over, 5d. ½ inch.
„ 2, 9, 11,	1½-in. and under in height, 1/- each.
	1½-in. 1/1, 2-in. 1/2, 2½-in. 1/3, 2½-in. 1/4.
	2½-in. 1/5, 3-in. and over, 6d. ½ inch.

Borders, Ornaments and Stops, extra.

*For Example:—A Brass Plate 12 x 7, engraved 24 1-inch plain letters, would cost 10/3.*

	s.	d.
Plate 12 x 7 = 84 square inches @ ¾d. ... ..	5	3
Engraved, MISS SAUNDERS, LADIES' SCHOOL, = 24 letters @ 2½d. ... ..	5	0
	<u>10</u>	<u>3</u>

Mahogany Blocks, extra.

Estimates specially furnished for large quantities, as Insurance Office Plates, &c.

## MEMORIAL AND MONUMENTAL PLATES.

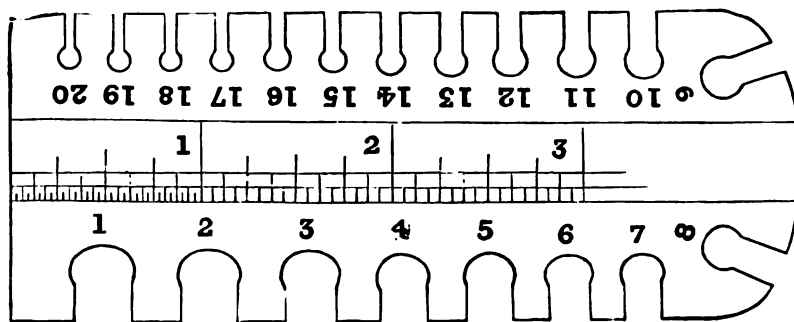
Special estimates are given for these.

Coffin Plates, Brass and Zinc, all sizes and shapes, plain surfaced or highly polished. Prices vary according to size and shape. For Patterns, see annexed, Nos. 21 to 27. Engraving ditto, prices as ½ above scales.

## BRASS AND ZINC ENGRAVERS' TOOLS, &amp;c.

	£	s.	d.
Hammer Chisels, various widths ... ..	½ doz.	0	10 0
Engraver's Hammer, with handle ... ..	each	0	3 0
„ T Squares, 6-inch 6/-, 8-inch 6/9, 10-inch 7/6, 12-inch 8/3, 15-inch 10/-, 18-inch	...	0	12 0
„ Dividers ... ..	2/6 and	0	3 6
Twisted Steel Drawing Points ... ..	each	0	1 0
Square Gravers ... ..	½ doz.	0	4 0
Lozenge „ ... ..	„	0	4 0
Flat Sculpters ... ..	„	0	3 0
Graver Handles ... ..	½ doz. 1/6 and	0	2 0
Burnishers ... ..	each	0	1 6
Sand Bags ... .. 5-inch 1/6, 6-inch 2/6, 7-inch 3/6, 8-inch	...	0	4 6
Nuts, Studs, and Screws for Door Plates ... ..	½ doz.	0	3 6
Large Studs and Screws for Monumental Plates ... ..	„	0	12 0
Turkey Oil Stones, large ... ..	...	0	8 6
Tracing Paper, 30 x 20 inches ... ..	½ quire	0	3 6
Drawing Pencils ... ..	½ doz.	0	2 0
Emery Cloth, O, FF, F and I ... ..	½ quire	0	2 0
Pumice Stone ... ..	½ lb.	0	0 6
Rotten Stone, powder or lump ... ..	„	0	0 6
Frankfort Black ... ..	„	0	0 9
Steel Straight Edges ... .. 24-inch 6/-, 36-inch	...	0	9 0
Black Wax ... ..	½ lb.	0	2 0
Red „ ... ..	„	0	4 6
Green „ ... ..	„	0	4 6
Blue „ ... ..	„	0	7 0
Waxing-in Iron ... ..	...	0	5 0
Gas Stand and Tubing ... .. 10/- and	...	0	12 6
Archimedian Drill ... ..	...	0	15 0
Steel Anvil set in Wood, to stand on floor ... ..	...	3	0 0
Mandril and Block ... ..	...	2	10 0
Mallets ... .. 1/- and	...	0	1 6
Taps and Plate, for making Screws ... ..	...	0	8 6
Vice, to fasten on bench ... ..	...	0	18 0
Scraping Knife, for surfacing brass ... ..	...	0	15 0
Plane, for surfacing zinc ... ..	...	0	8 6
Scorper, for erasing ... ..	...	0	5 0
Hammer, with round face, for erasing ... ..	...	0	5 0
„ large size, for flattening ... ..	...	0	10 6
Files, rough ... ..	...	0	2 0
„ smooth ... ..	...	0	2 6
Metal Saw ... ..	...	0	6 0
Chisel, for cutting up Plates ... ..	...	0	2 0
Shears, set in wood block ... ..	...	3	0 0
Rules ... .. 24-inch 3/-, 36-inch	...	0	4 6
Squares ... .. 6/- and	...	0	8 0
Pliers ... ..	...	0	2 6
Heelball ... .. ½ cake	...	0	0 1
Oil Rubber ... ..	...	0	2 0
Solder ... .. ½ lb.	...	0	0 10

## GAUGE.



For the convenience of ordering the required thickness of Zinc, Brass, and other Plates, a drawing of the standard Gauge is here given. Our friends will please indicate the number, and the thickness will be adhered to as closely as possible. Nos. 11 and 12 are most used for Zinc Door Plates, and Nos. 12 and 13 for Brass Door Plates.

## WOOD ENGRAVERS' TOOLS, &amp;c.

									s. d.
Eye Glasses	...	...	...	...	...	...	1/6, 2/6, 3/6, and	4	6
Eye-Glass Stands	...	...	...	...	...	...	9/- and	12	0
Lozenge Gravers	...	...	...	...	...	...	♢ doz., 3/6 and	4	0
Square	...	...	...	...	...	...	3/6 and	4	0
Graver Handles	...	...	...	...	...	...	1/6 and	2	0
"    "    long	...	...	...	...	...	...	3/- and	3	6
"    "    shifting	...	...	...	...	...	...		30	0
Knife Tools	...	...	...	...	...	...	2/6 and	3	0
Flat Sculpters	...	...	...	...	...	...	2/6 and	3	0
Round	...	...	...	...	...	...	2/6 and	3	0
Spitstickers	...	...	...	...	...	...	2/6 and	3	0
Tint Tools	...	...	...	...	...	...		3	6
Burnishers	...	...	...	...	...	...	each	1	6
T Squares	...	...	...	...	...	6-inch 6/-, 8-inch 6/9, 10-inch		7	6
Shading Tools	...	...	...	...	...	1/3, 1/6, and		2	0
Sand Bags	...	...	...	...	...	5-inch 1/6, 6-inch 2/6, 7-inch 3/6, and 8-inch		4	6
Compasses, 6-inch, with steel joint	...	...	...	...	...			2	0
Flat Ebony Parallel Rules, 9-inch 2/6, 12-inch 3/-, 15-inch 3/9, 18-inch 4/6,	...	...	...	...	...	24-inch		6	0
"    "    "    "    Brass Bound, 9-inch 6/-, 12-inch 8/-, 15-inch 10/-,	...	...	...	...	...	18-inch 12/-, 24-inch		16	0
Turkey Oil Stones, mounted	...	...	...	...	...	5/-, 6/-, and		7	6
Arkansas	...	...	...	...	...	7/6, 8/6, 10/-, and		12	0
Tracing Paper, 30 in. x 20 in.	...	...	...	...	...	♢ quire		3	6
India Paper, for proofing Wood Cuts	...	...	...	...	...			10	0
Japanese	...	...	...	...	...				
Best Black Ink	...	...	...	...	...	♢ lb.		10	0
Gouges, in handles	...	...	...	...	...	9d. and		1	0
Chisels, in handles	...	...	...	...	...	9d. and		1	0
Mallets	...	...	...	...	...			1	0
Prepared Boxwood Blocks, solid, any size under 30 square inches, ♢ square inch	...	...	...	...	...			0	1 1/2
"    "    "    "    over 30 and under 100	...	...	...	...	...			0	1 1/2
"    "    "    "    bolted, any size under 60 square inches	...	...	...	...	...			0	1 1/2
"    "    "    "    over 60 and under 120	...	...	...	...	...			0	2



## SMALL SET OF WOOD ENGRAVERS' TOOLS.

	s.	d.
½ doz. Lozenge Wood Gravers ... ..	2	0
1 „ Ebony Graver Handles ... ..	2	0
½ „ Knife Tools ... ..	1	3
½ „ Flat Sculpters ... ..	1	3
½ „ Spittstickers ... ..	1	3
½ „ Round Sculpters ... ..	1	3
½ „ Tint Tools ... ..	1	9
1 Shading Tool ... ..	1	3
1 Burnisher ... ..	1	6
1 Sand Bag ... ..	2	6
1 Pair Compasses ... ..	3	0
1 Gouge, in handle ... ..	0	9
1 Chisel „ ... ..	0	9
1 Mallet „ ... ..	1	0
1 Turkey Oil Stone, mounted ... ..	5	0
12 Sheets Tracing Paper, 30 × 20 ... ..	2	0
6 „ India Paper, for proofing ... ..	3	0
¼ lb. Best Black Ink „ ... ..	2	6

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£1 14 0

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## SMALL SET OF ETCHING TOOLS.

	s.	d.
1 Dabber ... ..	2	0
2 Etching Points ... ..	1	8
1 Ball Etching Ground ... ..	1	0
1 Stick Bordering Wax ... ..	1	0
1 Square Graver and handle ... ..	0	6
1 Lozenge „ „ ... ..	0	6
1 Scraper ... ..	2	0
1 Burnisher ... ..	1	6
1 Hand Vice ... ..	4	6
1 Eye Glass ... ..	1	6
1 12-inch plain Ebony Parallel Rule ... ..	3	0
1 Bottle Nitric Acid ... ..	1	0
6 Sheets Tracing Paper, 30 × 20 ... ..	1	0
1 Copper Plate, 4½ × 3½, 1/1 ; 1 ditto, 5½ × 4, 1/3 ... ..	2	4

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£1 3 6

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## SMALL SET OF COPPER-PLATE ENGRAVERS' TOOLS.

	s.	d.
1 Dabber ... ..	2	0
2 Etching Points ... ..	1	8
1 Ball Etching Ground ... ..	1	0
1 Stick Bordering Wax ... ..	1	0
1 Bottle Stopping-out Varnish ... ..	1	0
1 Eye Glass ... ..	3	6
½ doz. Square Gravers, assorted ... ..	1	6
½ „ Lozenge „ „ ... ..	1	6
1 „ Graver Handles ... ..	2	0
1 Scraper, 2/- ; 1 Burnisher, 1/6 ; 1 Roulette, 3/- ... ..	6	6
1 6-inch Sand Bag ... ..	2	6
1 Set 2-line Gauges ... ..	6	6
1 8-inch T Square ... ..	6	9
1 Engraver's Hammer ... ..	3	6
1 Pair Spring Dividers ... ..	2	6
1 Engraver's Anvil ... ..	12	6
1 Turkey Mounted Oil Stone ... ..	5	0
1 Oil Can and Oil ... ..	2	0
1 Oil Rubber ... ..	2	0
¼ lb. Crocus ... ..	1	6
4 Sticks Charcoal, 1/- ; 1 Cake Whiting, 2d. ; 1 Wash Leather, 1/6 ... ..	2	8

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£3 9 1

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COPPER AND STEEL PLATE ENGRAVERS' TOOLS.

	s.	d.
Callipers ... ..	pair, 6/6, 7/6, 10/-, and	12 0
Dabbers ... ..	each	2 0
Etching Points ... ..	" "	0 10
Etching Ground ... ..	ball	1 0
Bordering Wax ... ..	stick	1 0
Eye Glasses ... ..	1/6, 2/6, 3/6, and	4 6
Eye Glass Stands ... ..	9/- and	12 0
Lozenge Gravers ... ..	doz. 3/- and	4 0
Square ... ..	" 3/- and	4 0
Graver Handles ... ..	" 1/6 and	2 0
" " long	" 3/- and	3 6
" " shifting	" "	30 0
Hand Lenses ... ..	from	4 0
Scrapers ... ..	each	2 0
Burnishers ... ..	" "	1 6
T Squares, 6-inch 6/-, 8-inch 6/9, 10-inch 7/6, 12-inch 8/3, 15-inch 10/-, 18-inch	3/- and	12 0
Roulettes ... ..	5-inch 1/6, 6-inch 2/6, 7-inch 3/6, 8-inch	4 6
Sand Bags ... ..	8d. and	0 10
Tracing Points, all steel	set	6 6
Line Gauges, 2-line	" 3-line	7 6
" " 3-line	2/6 and	3 6
Spring Dividers ... ..	24-inch	6 0
Flat Ebony Parallel Rules, 9-inch 2/6, 12-inch 3/-, 15-inch 3/9, 18-inch 4/6,	Brass bound, 9-inch 6/-, 12-inch 8/-, 15-inch 10/-,	16 0
" " 18-inch 12/-, 24-inch	12-inch 18/-, 18-inch 27/-, 24-inch	36 0
Brass Rolling Parallel Rules ... ..	with points for needles	25 0
Beam Compasses, with pen and pencil points	" "	16 0
" " with points for needles	3/6 and	4 6
Engravers' Hammers ... ..	12/-, 20/- and	30 0
Mezzotint Grounding Tools ... ..	bottle	1 0
Nitric Acid (in quantity @ 1/- lb.)	" "	1 0
Nitrous " ( " )	" "	1 0
Acetic " ( " )	" "	1 0
Washed Emery Paper, blue back	sheet	0 3
" " oo	" "	0 4
" " ooo	lb.	0 6
Crocus ... ..	12/6 and	15 0
Engravers' Anvils ... ..	3/6, 4/6, and	5 6
Hand Vices ... ..	4/-, 5/-, and	6 6
Turkey Oil Stones	5/-, 6/-, and	7 6
" " mounted	6/6, 7/6, 9/0, and	11 0
Arkansas Oil Stones	7/6, 8/6, 10/-, and	12 0
" " mounted	quire	3 6
Tracing Paper, Double Crown	" "	24 0
" Gelatine	set, from	21 0
Steel Punches (ring)	15/- and	17 6
Rollers for laying Etching Ground preparatory to re-biting	bottle	2 6
Fluid Etching Ground for ditto	quire	10 0
India Paper, for taking proofs	" "	8 0
Japanese Paper, for ditto, in sheets 19 x 12½ inches	bottle 1/- and	2 0
Stopping-out Varnish ... ..	" "	1 0
Turpentine (in quantity @ 4/- gallon)	" "	1 0

## INGRAVERS' RULING MACHINES

(WITH TURNED DIAMOND POINTS.)

						£	s.	d.
No. 1.	27 Inches long, for straight lines	...	...	...	...	10	0	0
„ 2.	33½ „ „	...	...	...	...	11	0	0
„ 3.	38 „ „	...	...	...	...	12	10	0
„ 4.	To rule a space 18 in. × 10 in. of straight lines	...	...	...	...	24	0	0
„ 5.	As No. 4, but of more complicated construction, to ensure firmness	...	...	...	...	32	0	0
„ 6.	To rule a space 18 in. × 12 in. of straight lines	...	...	...	...	26	0	0
„ 7.	As No. 6, but of more complicated construction, to ensure firmness	...	...	...	...	34	0	0
„ 8.	To rule a space 20 in. × 8½ in. of straight or waved lines	...	...	...	...	38	0	0
„ 9.	For straight, waved, curved and toothed lines, and for Medal and Relief Work, to be copied in size of original	...	...	...	...	40	0	0
„ 10.	For the same work as No. 9, but having in addition an appliance for fancy curves	...	...	...	...	56	0	0
„ 11.	For copying Relief Work in reduced and in enlarged size, also for straight and waved lines	...	...	...	...	96	0	0
„ 12.	The same as No. 11, but with additional contrivance for fancy curves, according to complications required,	...	...	...	from £112 to 124	0	0	0
„ 13.	For Circles, &c.	...	...	...	...	12	0	0
„ 14.	The same as No. 13, with planed plate	...	...	...	...	13	10	0
„ 15.	For “Guilloches” lines, to be worked from the top in connection with Machines No. 1, 2 and 3	...	...	...	...	50	0	0
„ 16.	The same as No. 15, worked from below, to be used in connection with any of the Machines No. 1, 2, 3 or 9	...	...	...	...	80	0	0
„ 17.	For Relief Work in original size for straight, round, or oval guilloches, and for simple and fancy waved lines and undulations	...	...	...	...	170	0	0
„ 18.	The same as No. 17, but with an appliance to copy Reliefs in reduced or enlarged size, like No. 11	...	...	...	...	220	0	0
„ 19.	Machine like No. 18, with additional contrivance for making simple and looped bows	...	...	...	...	280	0	0
„ 20.	Pantograph, suspended from a column, for reducing writing, ornamental designs, &c., according to size and requirements, from £150 to	...	...	...	...	400	0	0

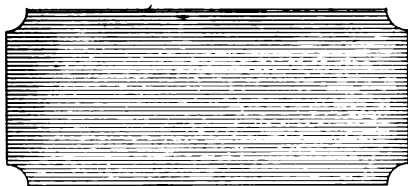
*Note.—The Machines No. 11 and 12 can be used for copying Reliefs down to ¼ of original size, also for enlarging and for turning to either side; and Nos. 10, 12, 17, 18, 19, make all fancy and undulated patterns in mathematical exactness.*



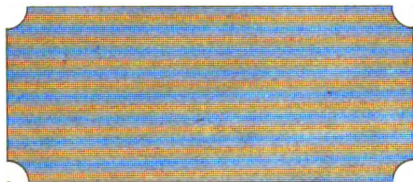
**COPPER TINT PLATES, 10×8 .**  
**LARGER SIZES IN PROPORTION .**



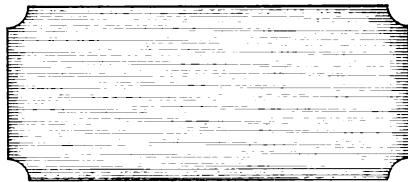
**Nº 1. 20/-**



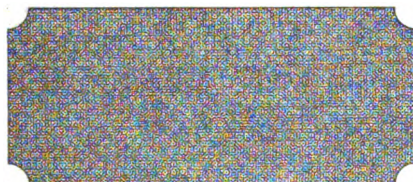
**Nº 2. 16/-**



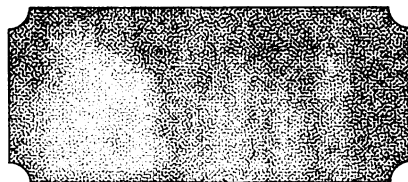
**Nº 3. 21/-**



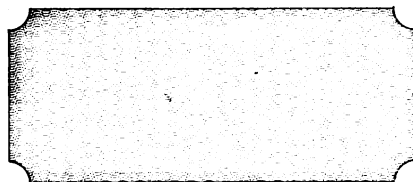
**Nº 4. 18/-**



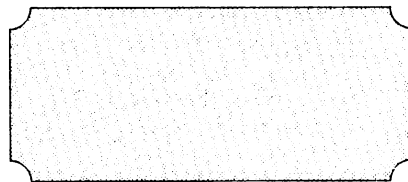
**Nº 5. 44/-**



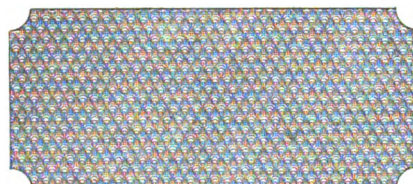
**Nº 6. 44/-**



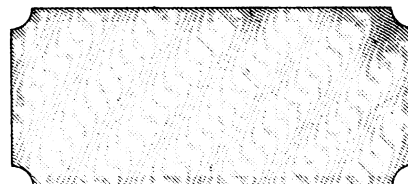
**Nº 7. 23/-**



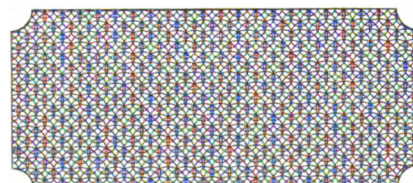
**Nº 8. 25/-**



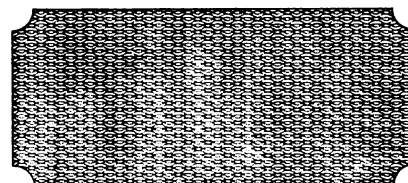
**Nº 9. 40/-**



**Nº 10. 27/-**



**Nº 11. 40/-**



**Nº 12. 40/-**

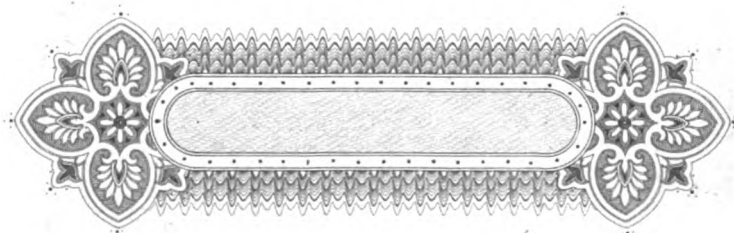
**HUGHES & KIMBER, LONDON, E.C.**  
LIMITED



# ALL TINT PLATES, SCROLLS & BORDERS ARE IN STOCK.

BORDER N° 1.

SCROLLS & BORDERS ON COPPER, FOR TRANSFER TO STONE.



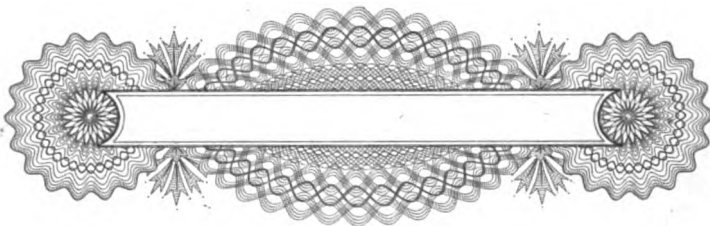
N° 19.13/.



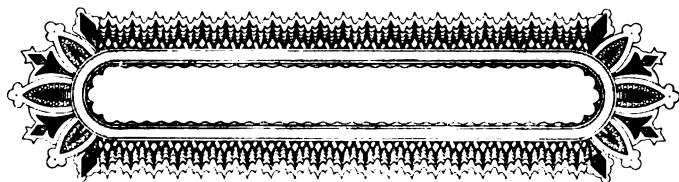
N° 20.18/.



N° 21.18/.



N° 22.14/.



N° 23.13/.

BORDER N° 2.

BORDER N° 4.

BORDER N° 3

BORDERS 6/ PER STRIP OF 10 INCHES WITH CORNER-PIECE.





1/2" STRIP UP TO INCHES WITH CORNER-PIECE

ALL TINT PLATES, SCROLLS & BORDERS ARE IN STOCK.

BORDER N° 5

SCROLLS & BORDERS ON COPPER, FOR TRANSFER TO STONE.



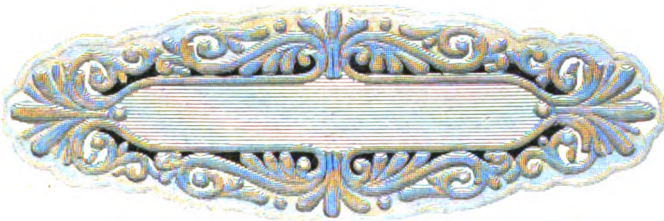
N° 28. 11/.



N° 27. 9/6



N° 26. 18/.



N° 25. 9/6



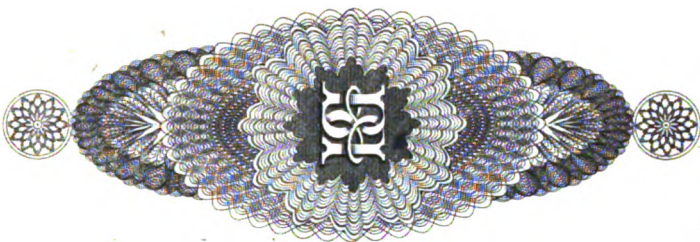
N° 24. 14/.

BORDERS 6/ PER STRIP OF 10 INCHES WITH CORNER-PIECE.

BORDER N° 7.



PRICES OF SCROLLS ON COPPER.



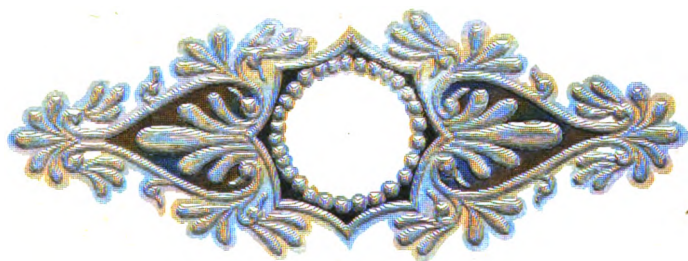
No 13. 16/-



No 14. 9/6



No 15. 45/-



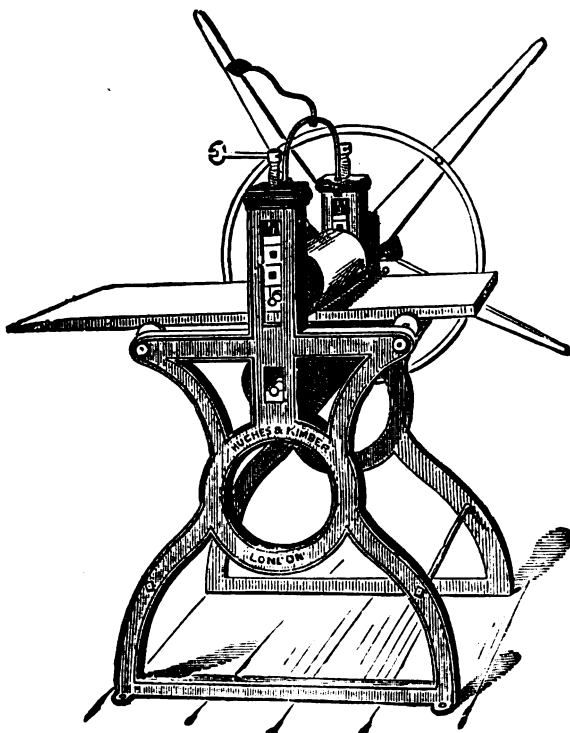
No 16. 9/6



No 17. 18/-



## COPPER-PLATE PRESS.



This Press has turned iron rollers, planed iron plank, and regulating pressure screws.

	£	s.	d.		£	s.	d.
11 inches ... ..	12	0	0	24 inches with inverted wheel	32	0	0
13 „ ... ..	13	10	0	26 „ „ „	34	10	0
15 „ ... ..	16	10	0	28 „ „ „	37	10	0
18 „ ... ..	21	0	0	30 „ „ „	40	0	0
20 „ ... ..	23	0	0	36 „ „ „	46	0	0
22 „ with inverted wheel	28	10	0				

Large sizes to order, with double reduced motion and fly-wheel, &c.

Second-hand Presses, always in stock. (*See Monthly List.*)

Presses, with D Rollers, for Bank Note printing.

Doctor Presses, for bankers' cheques, &c.

REPAIRS OF PRESSES WITH EXPEDITION.

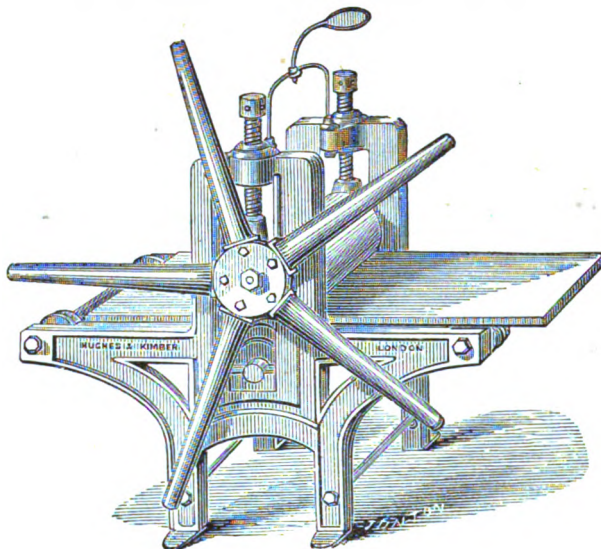
## COPPER-PLATE MATERIALS.

	£	s.	d.		s.	d.
Jigger 12 × 10 ... ..	3	0		Thin Burnt Oil ... ..	6	6
„ 15 × 11½ ... ..	4	0		Middle „ ... ..	7	0
Heater 12 × 10 with ring burner	12	6		Strong „ ... ..	7	6
„ 15 × 11½ „ „	15	0		Copper-plate Ink No. 1 ...	2	0
Blanketing 30-in. wide... yd.	7	0		„ „ No. 2 ...	3	0
„ 36-in. „ „	8	6		„ „ best ...	4	0
„ 54-in. „ „	12	6		Frankfort Black ...	0	9
Fronting 30-in. „ „	10	0		„ fine ...	1	0
„ 54-in. „ „	1	0	0	„ finest ...	1	6
Canvas, fine ... ..	1	3				

Ink Slabs, Mullers, Palette Knives, Prussian Blue, Dryers, &c. (*see pages 119, 120, 124.*)



## AMATEUR COPPER-PLATE PRESS.



10 inches wide, £7 10s.

This Press is constructed especially for Amateurs, and is adapted for Printing Etchings; being made in precisely the same substantial manner as the ordinary copper-plate press—with turned iron rollers, planed iron plank, and regulating pressure screws—it answers equally well for printing cards, pulling transfers, &c.

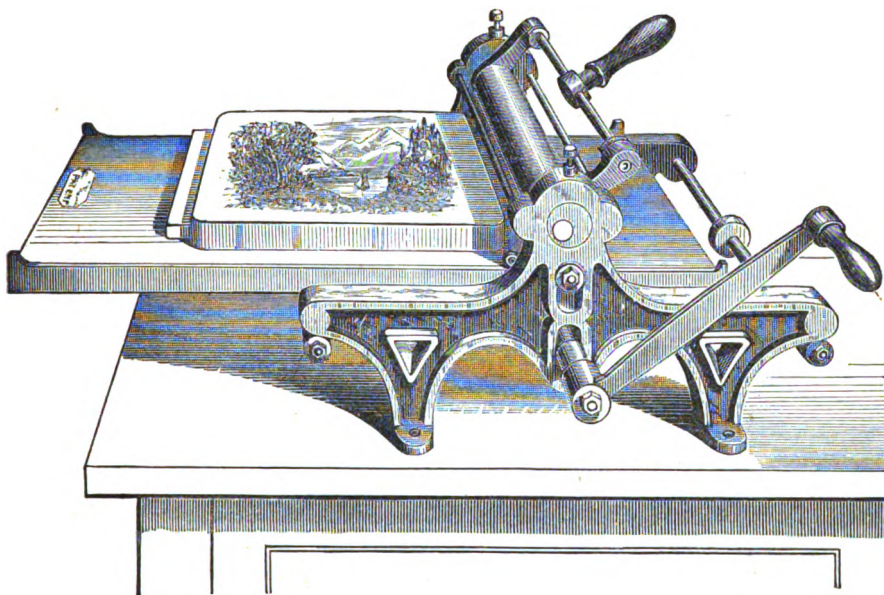
## Complete Set of Etching Tools and Materials.

	s.	d.		s.	d.
1 Etching Point ... ..	0	10	1 Bottle Nitric Acid ... ..	1	0
1 Ball Etching Ground ... ..	1	0	1 Large Bottle for dilute Acid ...	0	10
1 Dabber ... ..	2	0	1 Brush and Feather ... ..	0	2
1 Hand Vice ... ..	4	6	1 Bottle Stopping-out Varnish ...	1	0
1 Porcelain Bath ... ..	3	6	1 Roller for laying Etching Ground		
1 Iron Hook ... ..	0	6	preparatory to re-biting ...	15	0
1 Funnel ... ..	0	9	1 Bottle Fluid Etching Ground for		
1 Wax Taper ... ..	1	3	ditto ... ..	2	6
1 Stick Bordering Wax ... ..	1	0	1 Copper Plate, $3\frac{1}{2} \times 2\frac{1}{2}$ ...	0	8
1 Lozenge Graver and Handle ...	0	6	1     " $4\frac{1}{2} \times 3\frac{1}{2}$ ...	1	1
1 Square     "     "     "     "     "	0	6	1     " $5\frac{1}{2} \times 4$ ...	1	3
1 Scraper ... ..	2	0	1     " $6\frac{1}{2} \times 4\frac{1}{2}$ ...	2	2
1 Burnisher ... ..	1	6	1     " $8 \times 5$ ...	2	6
1 Eyeglass ... ..	2	6	1 Book on Etching with illustrations	5	6
1 Turkey Oil Stone ... ..	5	0			
12 Sheets Tracing Paper, 30 x 20	2	0			
				<u>£3</u>	<u>3</u>

Complete Set of Apparatus and Materials for  
Printing Etchings, &c.

	£	s.	d.		s.	d.
1 Amateur Copper-plate Press ...	7	10	0	1 Wash Leather ... ..	1	3
$\frac{1}{4}$ -yard 30-in. Blanketing ... ..	7/-	1	9	Whiting ... ..	0	2
$\frac{1}{4}$ -yard 30-in. Fronting ... ..	10/-	2	6	1 Heater, 12-in. x 10-in., with ring		
$\frac{1}{4}$ -lb. Best Copper-plate Ink ... ..	4/-	2	0	burner ... ..	10	0
1 Pint Thin Burnt Oil and Can ...	1	3		1 Jigger, 12-in. x 10-in. ...	4	0
1 Dabber ... ..	1	6		1 Oil Rubber ... ..	2	6
2 ozs. Prussian Blue ... ..	0	8		1 Oil Can and Oil ... ..	2	0
1 Marble Muller ... ..	3	0		6 Sheets India Proof Paper ...	3	0
1 Ink Slab ... ..	1	6				
1 Palette Knife, 7-in. ... ..	1	0				
4 yards Canvas ... ..	7d.	2	4		<u>£10</u>	<u>0</u>
						<u>5</u>

## PATENT IMPROVED AUTOGRAPHIC PRESS.



## A PORTABLE MACHINE FOR PRINTING FROM STONE.

FOR THE COUNTING-HOUSE, OFFICE, OR LIBRARY, BY MEANS OF WHICH  
EVERY PERSON MAY BECOME HIS OWN PRINTER.

By means of this Machine an almost unlimited number of copies may be produced from any manuscript, sketch, musical composition, or design, previously made on transfer paper, or drawn on stone; and the requisite number of copies being obtained, the subject may be effaced, and another substituted.

The process is exceedingly simple, and may be acquired with the greatest facility; perfect success being attainable by the greatest novice after a few trials, with the exercise of a small amount of care.

No.		Inches.	Press & Materials.			Mahogany Stands.			Mahogany Boxes fitted up for Materials.		
			£	s.	d.	£	s.	d.	£	s.	d.
1.	To Print a Subject	11 × 9	7	7	0	2	10	0	15	6	
2.	Ditto	16½ × 10½	8	8	0	2	15	6	17	0	
3.	Ditto	18 × 13½	9	9	0	3	0	0	18	6	

## Materials supplied with the above Presses, and included in Prices.

Transfer Paper.  
Transfer Ink.  
Writing Pens and Holder.  
Stone.  
Gum Arabic Solution.  
Etching Preparation.  
Roller.  
Leather Handles for ditto.  
Printing Ink.  
Varnish.  
Ink Slab.

Palette Knife.  
Sponges (3).  
Damping Cloth.  
Soft Sheets (4).  
Pasteboards (2).  
Snake-Stone Slips.  
Pumice Stone.  
Water of Ayr Stone.  
Scraper.  
Key for adjusting Press.  
Mahogany bed.

## LITHOGRAPHIC STONES.

A large stock direct from the best German quarries. Sizes not in the list will be cut without charge from the nearest size, the full weight of the size in list being charged.

HUGHES & KIMBER, LIMITED, ARE NOT RESPONSIBLE FOR BREAKAGES UNDER ANY CIRCUMSTANCES.

IN.	IN.	YELLOW.	GREY.	IN.	IN.	YELLOW.	GREY.
9	7	1d. $\frac{1}{2}$ lb.	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	28	22	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	3d. $\frac{1}{2}$ lb.
10	8			30	20		
12	10			30	22		
13	10			32	22		
14	10	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	30	24	2d. $\frac{1}{2}$ lb.	3 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.
14	11			32	24		
15	12			34	24		
16	12			36	24		
17	11	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	2d. $\frac{1}{2}$ lb.	36	26	2 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	3d. $\frac{1}{2}$ lb.
17	13			36	30		
18	12			38	26		
18	14			38	28		
19	13	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	2d. $\frac{1}{2}$ lb.	40	28	3d. $\frac{1}{2}$ lb.	4d. $\frac{1}{2}$ lb.
19	15			40	30		
20	13			42	32		
20	14			44	32		
21	13	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	2 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	46	30	4d. $\frac{1}{2}$ lb.	5d. $\frac{1}{2}$ lb.
21	15			46	32		
21	17			48	32		
22	14			49	31		
22	16	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	2 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	50	30	5d. $\frac{1}{2}$ lb.	6d. $\frac{1}{2}$ lb.
23	17			52	32		
24	16			54	36		
24	18			60	40		
25	19	1 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	2 $\frac{1}{2}$ d. $\frac{1}{2}$ lb.	62	42	6d. $\frac{1}{2}$ lb.	7d. $\frac{1}{2}$ lb.
26	20			64	44		
27	21						
28	20						

## TWO-FACED STONES AT SIXTY PER CENT. EXTRA.

Lithographic Stones, grained for chalk drawings.

polished for ink or transfer work.

Slates, 1-in. thick, for backing thin stones,  $\frac{1}{2}$  square foot, 2/6.

1 $\frac{1}{4}$ -in. " " " " 3/-

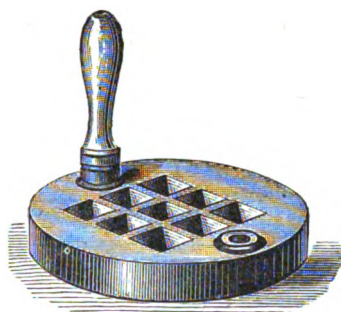
Levigators, for cleaning off stones (see page 118).

Noiseless Stone Trolleys ( " ).

## ZINC PLATES, FOR ZINCGRAPHY.

Zinc, prepared for Zincography, surfaced, ready for graining,				12 W.G., $\frac{1}{2}$ lb.,	s. d.
"	"	"	"	14 "	0 10
"	"	"	"	17 "	1 0
"	"	"	grained,	12 "	1 3
"	"	"	"	14 "	1 0
"	"	"	"	17 "	1 3
"	"	"	"	17 "	1 6

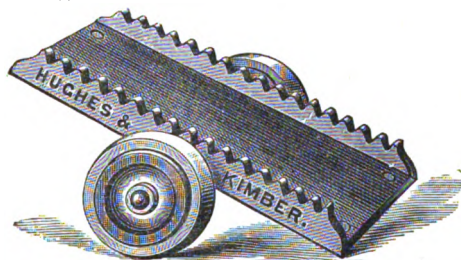
# LEVIGATOR,



FOR CLEANING WORK OFF STONES.

											£	s.	d.
10 inches diameter	...	...	...	...	...	...	...	...	...	...	1	0	0
12     "	...	...	...	...	...	...	...	...	...	...	1	5	0
15     "	...	...	...	...	...	...	...	...	...	...	1	10	0

# NOISELESS STONE TROLLEY, WITH INDIA-RUBBER TYRES.



For the easy conveyance of Stones about the office without carrying. The corrugated edges render the Trolley useful also for moving cases and other heavy articles.

Price, 25/-

# POLISHING TROUGHS, ON STANDS.

FT.	IN.	FT.	IN.			£	s.	d.			£	s.	d.			
3	0	×	2	0	lined zinc	...	...	1	10	0	; lined lead	...	...	3	0	0
3	6	×	2	6	"	...	...	2	0	0	"	...	...	3	10	0
4	0	×	3	0	"	...	...	2	10	0	"	...	...	4	0	0
4	6	×	3	6	"	...	...	3	0	0	"	...	...	5	0	0
5	0	×	4	0	"	...	...	3	10	0	"	...	...	6	0	0

# TURKEY SPONGE.

											£	s.	d.
Fine, picked for chalk work	...	...	...	...	...	...	...	...	...	...	2	1	0
Large	...	...	...	...	...	...	...	...	...	...	1	6	0
Ordinary	...	...	...	...	...	...	...	...	...	...	1	2	0
Small	...	...	...	...	...	...	...	...	...	...	1	0	0

## GRAINING SIEVES.

## SIX INCHES DIAMETER.

										s. d.
40 holes to the square inch	...	...	...	...	...	...	...	...	...	3 6
60   "   "	...	...	...	...	...	...	...	...	...	4 6
80   "   "	...	...	...	...	...	...	...	...	...	5 6
100   "   "	...	...	...	...	...	...	...	...	...	6 6
120   "   "	...	...	...	...	...	...	...	...	...	7 6
130   "   "	...	...	...	...	...	...	...	...	...	8 6
140   "   "	...	...	...	...	...	...	...	...	...	9 6
160   "   "	...	...	...	...	...	...	...	...	...	10 6

## SAND.

Rough Grinding Sand	...	...	...	...	...	...	...	...	...	£ gallon	0 6
Silver	"	...	...	...	...	...	...	...	...	"	0 6
Graining	"	sifted	...	...	...	...	...	...	...	"	2 0
"	"	unsifted	...	...	...	...	...	...	...	"	0 9

## POLISHING STONE.

Pumice Stone	...	...	...	...	...	...	...	...	...	£ lb.	0 6
Grit   "	...	...	...	...	...	...	...	...	...	"	0 4
Blue   "	...	...	...	...	...	...	...	...	...	"	0 6
Snake Stone	...	...	...	...	...	...	...	...	...	"	0 8
"   slips	...	...	...	...	...	...	...	...	...	£ doz. 2/6 and	3 0

## GUM ARABIC.

Gum Arabic, 6d., 9d., and 1/- £ lb., for gumming the Stone. A large stock at the lowest current rates. Every sort used for gumming Labels, Tickets, &c. Prices vary with the market.

## LITHOGRAPHIC SUNDRIES.

Elastic Beds, cut to size	...	...	...	...	...	...	...	...	...	£ square foot	0 9
"   by the original roll; about 40 feet in length, and 2 feet to 4½ feet in width	...	...	...	...	...	...	...	...	...	"	0 7½
Zinc Backing Sheets	...	...	...	...	...	...	...	...	...	"	0 6
Soft Felt, 48 inches wide, for covering damping roller and tray of machine,	...	...	...	...	...	...	...	...	...	£ lb.	4 0
Swansdown   "   for covering damping roller	...	...	...	...	...	...	...	...	...	£ yard	2 0
Buff Leather, for covering damping tray, cut to size	...	...	...	...	...	...	...	...	...	£ lb.	7 0
Damping Canvas	...	...	...	...	...	...	...	...	...	"	1 0
"	...	...	...	...	...	...	...	...	...	£ yard	0 6
Nitric Acid	...	...	...	...	...	...	...	...	...	£ bottle	1 0
"	...	...	...	...	...	...	...	...	...	£ lb.	1 0
Sulphuric Acid	...	...	...	...	...	...	...	...	...	£ bottle	1 0
"	...	...	...	...	...	...	...	...	...	£ lb.	0 4
Turpentine	...	...	...	...	...	...	...	...	...	£ bottle	1 0
"	...	...	...	...	...	...	...	...	...	£ gallon	4 0
Etching Preparation	...	...	...	...	...	...	...	...	...	£ quart	3 6
French Chalk, in powder	...	...	...	...	...	...	...	...	...	£ lb.	0 3
Ink Slabs	...	...	...	...	...	...	...	...	...	3/-, 4/- and	5 0
Mullers. Marble	...	...	...	...	...	...	...	...	...	3/-, 4/- and	5 0
"   Zinc (by weight, @ 1/- £ lb.)	...	...	...	...	...	...	...	...	...	2/6 to	7 6
Stone Horses	...	...	...	...	...	...	...	...	...	10/, 15/- and	20 0
Stone Rasp	...	...	...	...	...	...	...	...	...	4/- and	7 6
Glass Paper	...	...	...	...	...	...	...	...	...	£ quire	1 0
Emery Cloth	...	...	...	...	...	...	...	...	...	"	2 0
Tracing Point	...	...	...	...	...	...	...	...	...	...	0 10
Eraser	...	...	...	...	...	...	...	...	...	...	0 8
Pentagraph Machine, for enlarging or reducing Transfers	...	...	...	...	...	...	...	...	...	...	£50



## LITHOGRAPHIC TRANSFER PAPERS.

		s.	d.
Transfer Writing Paper, royal	... ..	per quire	8 0
Transfer Writing Paper, demy	... ..	"	7 0
Transfer Tracing Paper, double crown	... ..	"	7 0
Tracing Paper	... ..	"	3 6
Re-tracing Paper, red or black, double crown	... ..	"	8 0
Scotch Transfer Paper, royal	... ..	"	8 0
India Re-transfer Paper (coated)	... ..	"	16 0
" " (not coated) thin	... ..	"	8 0
" " stout	... ..	"	10 0
French India Paper for Chalk Proofs	... ..	"	14 0
Grained Transfer Paper, for chalk work, Nos. 1 and 2 grains, in sheets 20 x 13 inches	... ..	per sheet, 2/-	36 0
Stippled Transfer Paper, for chalk work, various grains, in sheets 15 x 11 inches	... ..	per sheet, 1/6	24 0

## LITHOGRAPHIC PENS AND BRUSHES.

Lithographic Pens (Perry's)	... ..	per card of 6 pens with holder	2 0
" (Gillott's)	... ..	" 12 "	2 0
" (Gillott's Crow Quills)	... ..	" 12 "	2 0
French Steel, for making pens	... ..	per inch	0 6
Scissors, "	... ..	per pair	2 6
French Ruling Pen	... ..	...	4 0
French Bow Pen	... ..	...	7 6
Compasses, half set	... ..	from	15 0
Sable Brush, in handle	... ..	...	0 9
" cut, "	... ..	...	1 6
" large, "	... ..	from	1 0
Camel Hair Brush, flat	... ..	per inch in width	0 6
" " superior	... ..	"	0 9

## FRENCH LITHOGRAPHIC CHALKS.

No. 1, hard	... ..	per box of 1 dozen 1/-, per dozen boxes	10 0
" 2, medium	... ..	" 1/- "	10 0
" 3, soft	... ..	" 1/- "	10 0
Estompe, very soft, for shading	... ..	" 1/- "	10 0
Copal, very hard, for grained paper	... ..	" 1/- "	10 0
Chalk Holders	... ..	each	0 9

## LITHOGRAPHIC BLACK.

Fine Calcined Black	... ..	per lb.	2 0
" " "	... ..	per 6 lb. barrel	12 0
Finest Calcined Black	... ..	per lb.	3 6
" " "	... ..	per 6 lb. barrel	21 0
Finest Calcined Carbon Black	... ..	per lb.	6 0
" Spirit Black	... ..	"	10 0
" Paris Black, for making chalks	... ..	"	10 0



## BLACK LITHOGRAPHIC INKS.

The Ink is all made from Paris Black, and is carefully ground on the premises by steam power.

No. o,								£ lb.	s.	d.
	For commercial work	...	...	...	...	...	...		4	0
" 1,	For fine ditto	...	...	...	...	...	...		5	0
" 1½,	For extra fine ditto	...	...	...	...	...	...		6	0
" 2,	Stiff	...	...	...	...	...	...		8	0
" 3,	Extra stiff, for fine chalk work	...	...	...	...	...	...		10	0
Machine	...	...	...	...	...	1/6, 2/6, 3/6, and	...		4	6
Chalk, French, imported direct from Paris, No. 1	...	...	...	...	...	...	...		14	0
"	"	"	"	"	"	"	"		12	0
"	"	"	"	"	"	"	"		8	0

## COLOURED LITHOGRAPHIC INKS.

Red	...	...	...	...	...	£ lb. 3/6, 5/-, 6/-, 8/-, and	10	0
Orange Red	...	...	...	...	...	"	1	6
Pale Chrome	...	...	...	...	...	" 1/6, 2/6, and	3	6
Orange Chrome	...	...	...	...	...	" 1/6, 2/6, and	3	6
Red Chrome	...	...	...	...	...	" 1/6, 2/6, and	3	6
Light Green	...	...	...	...	...	" 3/- and	5	0
Medium Green	...	...	...	...	...	" 3/- and	5	0
Dark Green	...	...	...	...	...	" 3/- and	5	0
Chinese Blue	...	...	...	...	...	" 6/- and	8	0
Bronze Blue	...	...	...	...	...	" 6/- and	8	0
French Blue	...	...	...	...	...	"	6	0
Oriental Blue	...	...	...	...	...	"	5	0
Celestial Blue	...	...	...	...	...	"	6	0
Ultramarine Blue	...	...	...	...	...	" 5/-, 6/-, and	10	0
Deep Ultramarine Blue	...	...	...	...	...	" 5/-, 6/-, and	10	0
Mauve	...	...	...	...	...	" 4/-, 8/-, and	10	0
" finest	...	...	...	...	...	"	20	0
Magenta	...	...	...	...	...	" 4/- and	8	0
Roseine	...	...	...	...	...	" 4/- and	8	0
Violet	...	...	...	...	...	" 4/-, 8/-, and	10	0
" dark, finest	...	...	...	...	...	"	80	0
Crimson Lake	...	...	...	...	...	" 10/-, 15/-, and	20	0
Scarlet Lake	...	...	...	...	...	" 10/-, 15/-, and	20	0
Carmin	...	...	...	...	...	" 40/-, 60/-, and	80	0
Burnt Sienna	...	...	...	...	...	" 4/- and	5	0
Burnt Umber	...	...	...	...	...	" 4/- and	5	0
Marone	...	...	...	...	...	" 5/-, 8/-, and	12	0
Rich Brown	...	...	...	...	...	"	8	0
Tint (all shades)	...	...	...	...	...	" 4/- to	10	0
Preparation for Bronze Printing	...	...	...	...	...	" 3/-, 4/-, and	5	0
" for Dusting Colours	...	...	...	...	...	" 3/-, 4/-, and	5	0
" for Copyable Printing (Ink and Powder)	...	...	...	...	...	" packet	5	0

*Inks made to any Colour, and for every Climate.*

## LITHOGRAPHIC VARNISH.

Tint	...	...	...	...	...	...	£ gallon	10	0
Thin	...	...	...	...	...	...	"	10	0
Medium	...	...	...	...	...	...	"	12	0
Strong	...	...	...	...	...	...	"	14	0
Extra Strong	...	...	...	...	...	...	"	16	0

## TRANSFER INKS.

						s.	d.
Writing Transfer Ink, English	...	...	...	...	stick	0	6
"	"	Lemercier	...	...	"	1	6
"	"	Vanhymbeeck	...	...	"	2	0
"	"	fluid	...	...	oz. bottle	1	0
"	"	"	...	...	2-oz. stoppered	2	0
"	"	"	Abney's, for unprepared paper...	...	oz.	1	6
"	"	"	"	"	2-oz. stoppered	3	0
Retransfer Ink, plate to stone	...	...	...	...	lb.	12	0
"	"	stone to stone	...	...	"	12	0
"	"	type to stone	...	...	"	12	0

## LITHOGRAPHIC ROLLERS, &amp;c.

						s.	d.
Best French Rollers, 11 inches (for black or color)	...	...	...	...	each	13	0
"    "    12 " (    "    "    )	...	...	...	...	"	14	0
"    "    13 " (    "    "    )	...	...	...	...	"	15	0
"    "    14 " (    "    "    )	...	...	...	...	"	16	0
"    "    15 " (    "    "    )	...	...	...	...	"	17	0
"    "    18 " (    "    "    )	...	...	...	...	"	20	0
" English "    11 " (    "    "    )	...	...	...	...	"	10	0
"    "    "    12 " (    "    "    )	...	...	...	...	"	11	0
French Roller Skins	...	(    "    "    )	11 inches, 9/6,	12 inches		10	6
English "    "	...	(    "    "    )	11 "    7/6,	12 "		8	6
Roller Handles	...	...	...	...	pair	1	0

## MACHINE ROLLER SKINS.

					£	s.	d.		£	s.	d.	
Demy Folio	...	...	...	...	inker	0	7	6	distributor or duct	0	6	6
Crown	...	...	...	...	"	0	10	6	"	0	8	6
Demy	...	...	...	...	"	0	12	0	"	0	9	0
Double Crown	...	...	...	...	"	0	15	0	"	0	11	0
Double Demy	...	...	...	...	"	0	19	0	"	0	15	0
Double Royal	...	...	...	...	"	1	1	0	"	0	17	0
Quadruple Demy	...	...	...	...	"	1	4	0	"	0	19	0
Quadruple Royal	...	...	...	...	"	1	10	0	"	1	2	6
Flannel for undercovering	...	...	...	...	...	...	...	...	£ yard	0	5	0

## PRESSED POWDERS.

						PER LB.								PER LB.							
						s.	d.							s.	d.						
Pale Gold	...	from	4	6	to 30	0	Scarlet	...	...	from	8	0	to 30	0							
Rich Gold	...	"	4	6	" 24	0	Lilac	...	...	"	10	0	" 30	0							
Deep Gold	...	"	4	6	" 24	0	Violet	...	...	"	10	0	" 30	0							
Extra Deep Gold	...	"	4	6	" 24	0	Green	...	...	"	10	0	" 30	0							
Extra Fine Gold, Brilliant	24	0	"	45	0	Orange Copper	...	...	"	8	0	" 30	0								
Green Yellow Gold	from	4	6	" 30	0	Copper	...	...	"	8	0	" 30	0								
Citron	...	"	5	0	" 30	0	Flesh	...	...	"	10	0	" 30	0							
Orange	...	"	8	0	" 30	0	Silver	...	...	"	8	0	" 30	0							
Crimson	...	"	8	0	" 30	0	Blue	...	...				50	0							
Extra Superfine Bright Gold for Relief Stamping															...	...	...	...	1/2 oz.	5	0
Real Gold															...	...	...	...	1/2 dwt.	8	6
Real Silver															...	...	...	...	1/2 oz.	12	6
Imitation do.															...	...	...	...	"	2	6

## LEAF METAL.

										PER BUNDLE.
										s. d.
No. 1½	...	...	...	...	...	...	...	...	...	5/- to 5 6
„ 2	...	...	...	...	...	...	...	...	...	5/3 „ 5 9
„ 2½	...	...	...	...	...	...	...	...	...	5/6 „ 6 0
„ 3	...	...	...	...	...	...	...	...	...	6/- „ 6 6
„ 3½	...	...	...	...	...	...	...	...	...	6/6 „ 7 0
„ 3 large	...	...	...	...	...	...	...	...	...	7/- „ 7 6
„ 1½ extra large	...	...	...	...	...	...	...	...	...	6/6 „ 7 0
„ 2 „	...	...	...	...	...	...	...	...	...	7/6 „ 8 0
„ 2½ „	...	...	...	...	...	...	...	...	...	8/3 „ 9 0
„ 3 „	...	...	...	...	...	...	...	...	...	9/- „ 10 0
„ 4 planier	...	...	...	...	...	...	...	...	...	8/6 „ 9 6
White	...	...	...	...	...	...	...	...	...	4/6 „ 7 6
„ extra large	...	...	...	...	...	...	...	...	...	6/6 „ 9 6
Imitation Gold	...	...	...	...	...	...	...	...	...	£ 1000 8/- „ 12 0
Real Gold Leaf, deep, 3½ × 3½	...	...	...	...	...	...	...	...	...	£ 1000 from 50/- „ 54 0
Real Silver Leaf	...	...	...	...	...	...	...	...	...	„ 14/- „ 16 0

*Prices vary with the Market.*

## FINE COLOURS FOR CHROMO PRINTING.

BLUE—Antwerp	...	...	...	...	...	...	...	£ lb.	5 0
„ Celestial	...	...	...	...	...	...	...	„	5 0
„ Chinese	...	...	...	...	...	...	...	„	5 0
„ Cobalt, French	...	...	...	...	...	...	...	„	15 0
„ „ fine	...	...	...	...	...	...	...	„	32 0
„ „ finest	...	...	...	...	...	...	...	„	45 0
„ French	...	...	...	...	...	...	...	„	6 0
„ Indigo	...	...	...	...	...	...	...	„	10 6
„ Oriental	...	...	...	...	...	...	...	„	5 0
„ Prussian	...	...	...	...	...	...	...	„	4 0
„ Pure	...	...	...	...	...	...	...	„	4 0
„ Steel	...	...	...	...	...	...	...	„	8 0
„ Lake	...	...	...	...	...	...	...	„	10 0
„ Ultramarine, French, fine	...	...	...	...	...	...	...	„	6 0
„ „ „ finest	...	...	...	...	...	...	...	„	10 0
BROWN—Spanish	...	...	...	...	...	...	...	„	0 4
„ Vandyke	...	...	...	...	...	...	...	„	1 0
„ York	...	...	...	...	...	...	...	„	1 0
„ Ochre, Yellow	...	...	...	...	...	...	...	„	0 4
„ „ „ drop	...	...	...	...	...	...	...	„	1 0
„ „ „ Oxford	...	...	...	...	...	...	...	„	0 8
„ Sienna, raw	...	...	...	...	...	...	...	„	0 6
„ „ burnt	...	...	...	...	...	...	...	„	1 0
„ Terre de Sienna (burnt or raw)	...	...	...	...	...	...	...	„	1 6
„ Terre d' Ombre „	...	...	...	...	...	...	...	„	1 6
„ Umbre, raw	...	...	...	...	...	...	...	„	0 4
„ „ burnt	...	...	...	...	...	...	...	„	0 6
CARMINE—French	...	...	...	...	...	...	£ lb. 40/-, 60/-, and	80 0	
„ „ „ finest	...	...	...	...	...	...	£ oz.	8 6	

## FINE COLOURS FOR CHROMO PRINTING—Continued.

									s. d.
CHROME—Common	...	...	...	...	...	...	...	£ lb.	1 0
„ French	...	...	...	...	...	...	...	„	3 0
„ Middle	...	...	...	...	...	...	...	„	1 4
„ Orange	...	...	...	...	...	...	...	„	1 4
„ Pale Lemon	...	...	...	...	...	...	...	„	1 4
„ Primrose	...	...	...	...	...	...	...	„	2 0
„ Gold	...	...	...	...	...	...	...	„	2 0
„ Red	...	...	...	...	...	...	...	„	1 4
GREEN LAKE—Light	...	...	...	...	...	...	...	£ lb. 3/- and	5 0
„ „ Medium	...	...	...	...	...	...	...	„ 3/- and	5 0
„ „ Dark	...	...	...	...	...	...	...	„ 3/- and	5 0
LAKE—Carmine	...	...	...	...	...	...	...	£ lb.	44 0
„ „ finest	...	...	...	...	...	...	...	„	70 0
„ „ French	...	...	...	...	...	...	...	„	30 0
„ Cherry, dark	...	...	...	...	...	...	...	£ lb. 15/- and	22 0
„ „ light	...	...	...	...	...	...	...	£ lb.	8 0
„ Chocolate	...	...	...	...	...	...	...	„	8 0
„ Claret	...	...	...	...	...	...	...	„	4 0
„ „ finest	...	...	...	...	...	...	...	„	12 0
„ Crimson	...	...	...	...	...	...	...	„	16 0
„ „ fine	...	...	...	...	...	...	...	„	21 0
„ „ finest	...	...	...	...	...	...	...	„	40 0
„ Finest French	...	...	...	...	...	...	...	„	40 0
„ Lilac, deep	...	...	...	...	...	...	...	„	24 0
„ Madder, Rose	...	...	...	...	...	...	...	„	10 0
„ „ finest Rose	...	...	...	...	...	...	...	„	30 0
„ Magenta	...	...	...	...	...	...	...	„	5 0
„ „ fine	...	...	...	...	...	...	...	„	9 0
„ Mauve	...	...	...	...	...	...	...	„	5 0
„ „ fine	...	...	...	...	...	...	...	„	9 0
„ „ drop	...	...	...	...	...	...	...	„	10 0
„ „ „ finest	...	...	...	...	...	...	...	„	22 0
„ Purple, deep	...	...	...	...	...	...	...	„	15 0
„ Red-Brown	...	...	...	...	...	...	...	„	12 0
„ Rose, drop	...	...	...	...	...	...	...	„	10 0
„ „ „ fine	...	...	...	...	...	...	...	„	15 0
„ „ finest French	...	...	...	...	...	...	...	„	40 0
„ Scarlet	...	...	...	...	...	...	...	„	16 0
„ „ fine	...	...	...	...	...	...	...	„	21 0
„ „ finest	...	...	...	...	...	...	...	„	25 0
„ Sepia	...	...	...	...	...	...	...	„	8 0
„ Violet	...	...	...	...	...	...	...	£ oz.	3 6
„ „ finest	...	...	...	...	...	...	...	„	5 6
„ „ dark	...	...	...	...	...	...	...	£ lb.	12 0
„ Yellow	...	...	...	...	...	...	...	„	10 6

## FINE COLOURS FOR CHROMO PRINTING—Continued.

										s. d.
PINK—Dutch	...	...	...	...	...	...	...	...	£ lb.	1 0
„ Italian	...	...	...	...	...	...	...	...	„	12 0
„ Rose	...	...	...	...	...	...	...	...	„	0 8
VERMILLION—Deep	...	...	...	...	...	...	...	...	£ lb. 5/- and	6 0
„ English	...	...	...	...	...	...	...	...	„ 5/- and	6 0
„ French	...	...	...	...	...	...	...	...	„ 5/- and	6 0
„ Orange	...	...	...	...	...	...	...	...	„	1 6
WHITE—Flake	...	...	...	...	...	...	...	...	„	0 8
„ French Drop	...	...	...	...	...	...	...	...	„ 1/6 and	2 0
„ Kremnitz	...	...	...	...	...	...	...	...	„	1 0
„ Permanent	...	...	...	...	...	...	...	...	„	0 6
„ Dry White Lead	...	...	...	...	...	...	...	...	£ cwt.	48 0
„ French Chalk	...	...	...	...	...	...	...	...	„	20 0
YELLOW—Cadmium	...	...	...	...	...	...	...	...	£ lb.	30 0
„ Indian	...	...	...	...	...	...	...	...	„	24 0
„ Naples	...	...	...	...	...	...	...	...	„	5 0
„ Royal	...	...	...	...	...	...	...	...	„	20 0
„ Zinc	...	...	...	...	...	...	...	...	„	3 0
Indian Red	...	...	...	...	...	...	...	...	„	1 0
Venetian Red	...	...	...	...	...	...	...	...	„	0 6
Lavender	...	...	...	...	...	...	...	...	„	9 0
Orange Red Lead	...	...	...	...	...	...	...	...	„	0 8
Red Lead	...	...	...	...	...	...	...	...	„	0 6
Tube and Cake Colours	...	...	...	...	...	...	...	...	„	Prices vary.

## FINE COLOURS FOR DUSTING.

Carmine	...	...	...	...	...	£ lb. 22/-, 28/-, and	40 0
„ finest	...	...	...	...	...	„	60 0
Chinese Purple	...	...	...	...	...	„	9 0
Emerald Green	...	...	...	...	...	„	1 4
„ „ deep, French	...	...	...	...	...	„	2 6
Mauve	...	...	...	...	...	„ 2/6 and	4 0
Magenta	...	...	...	...	...	„ 2/6 and	6 0
Persian Red	...	...	...	...	...	„	1 6
Roseine Carmine	...	...	...	...	...	„	6 0
Rose Indien	...	...	...	...	...	„	6 0
Ultramarine, deep	...	...	...	...	...	„	1 9
„ extra deep, finest	...	...	...	...	...	„	2 0
„ light	...	...	...	...	...	„	2 0

French Dusting Colours, about 40 Shades in Stock.

Prices vary from 5/- per lb.

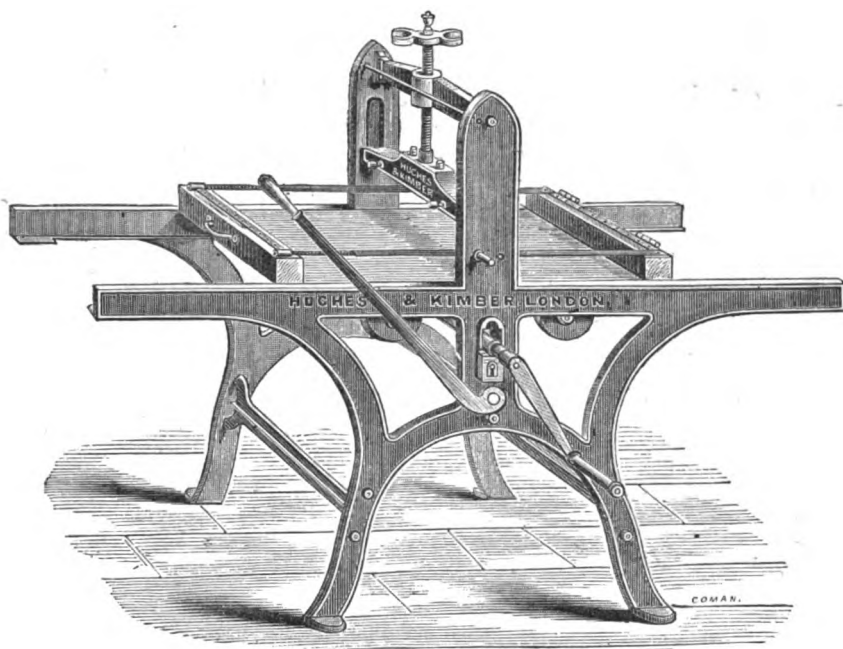
## COMPLETE LITHOGRAPHIC PRINTING OFFICE.

	£	s.	d.
1 Lithographic Press, 20 x 30 (see page 129) ... ..	14	10	0
1 Tympan Leather fitted ... ..	1	1	6
1 Elastic Bed, 20 x 30 ... ..		3	2
1 Scraper, 19-inch ... ..		2	5
1 11-inch French Roller ... ..	13	0	
1 Pair Roller Handles ... ..		1	0
1 lb. Turkey Sponge... ..	@ 16/-	8	0
4 lb. Snake Stone ... ..	@ 8d.	2	8
6 lb. Snake Stone Slips, assorted ... ..	@ 3d.	1	6
2 lb. Pumice Stone ... ..	@ 6d.	1	0
2 lb. Gum Arabic ... ..	@ 1/-	2	0
1 8-inch Palette Knife ... ..		1	3
1 Marble Muller ... ..		4	6
1 Ink Slab ... ..		3	0
2 lb. Damping Canvas ... ..	@ 1/-	2	0
1 Bottle Nitric Acid... ..		1	0
1 Eraser ... ..		0	8
1 lb. Black Litho Ink, No. 1 ... ..		5	0
1 Quart Thin Litho Varnish ... ..	@ 10/-	2	6
1 Pint Middle ... ..	@ 12/-	1	6
2 Sticks French Writing Transfer Ink ... ..	@ 2/-	4	0
1 Card Litho Pens ... ..		2	0
1 Quire Writing Transfer Paper, royal ... ..		8	0
1 " Scotch ... ..		8	0
4 " India Re-transfer Paper ... ..	@ 16/-	4	0
4 lb. Re-transfer Ink, Plate to Stone ... ..	@ 12/-	3	0
4 lb. " Stone to Stone ... ..	@ 12/-	3	0
1 Doz. Lemerrier's Chalks, No. 1 ... ..		1	0
2 Sticks Rubbing Ink for tints ... ..	@ 6d.	1	0
1 Gallon Grinding Sand ... ..		0	6
1 " Silver Sand ... ..		0	6
1 " Sifted Graining Sand ... ..		2	0
1 Graining Sieve, 100 holes ... ..		6	6
1 Levigator ... ..		1	5
1 Stone Horse ... ..		10	0
12 Stones, assorted sizes ... ..	say	3	10
		£25	16 2

## COMPLETE COPPER-PLATE PRINTING OFFICE.

	£	s.	d.
1 13-inch Copper-plate Press ... ..	13	10	0
1 yd. 54-in. Blanketing ... ..	@ 12/6	4	2
1 yd. 54-in. Fronting ... ..	@ 20/-	6	8
1 lb. Best Copper-plate Ink ... ..		4	0
1 Quart Thin Burnt Oil and Taper Can ... ..		2	6
1 Dabber ... ..		1	6
2 oz. Prussian Blue ... ..	@ 5/-	0	8
1 Marble Muller ... ..		4	6
1 Ink Slab ... ..		2	0
1 Palette Knife, 8-in. ... ..		1	3
6 yds. Canvas... ..	@ 6d.	3	0
1 Wash Leather ... ..		1	3
Whiting ... ..		0	3
1 Heater 15½ x 11½, with burner ... ..		15	0
1 Jigger 15½ x 11½ ... ..		4	0
1 Oil Rubber... ..		2	6
1 Oil Can and Oil ... ..		2	6
		£16	5 9

## No. 2 LITHOGRAPHIC PRESS.



Nearly similar in construction to No. 1, but with cross head of cast in lieu of wrought iron. The carriage runs on friction wheels fitted to shafts working in the side frames, instead of having the friction wheels fitted to it, and running on the traverse rails, as in the No. 1 Press.

INCHES.											£	s.	d.
12 x 18	...	...	...	...	...	...	...	...	...	...	7	0	0
14 x 21	...	...	...	...	...	...	...	...	...	...	8	0	0
16 x 24	...	...	...	...	...	...	...	...	...	...	9	10	0
18 x 27	...	...	...	...	...	...	...	...	...	...	10	15	0
20 x 30	...	...	...	...	...	...	...	...	...	...	12	10	0
22 x 33	...	...	...	...	...	...	...	...	...	...	13	15	0
24 x 36	...	...	...	...	...	...	...	...	...	...	16	0	0
26 x 39	...	...	...	...	...	...	...	...	...	...	19	0	0
24 x 36 with wheel and pinion and improved stop	...	...	...	...	...	...	...	...	...	...	17	17	0
26 x 39	"	"	"	"	"	"	"	"	"	"	22	10	0

*The measurements given show the size of the carriage; the Press will print a stone about one inch smaller each way.*

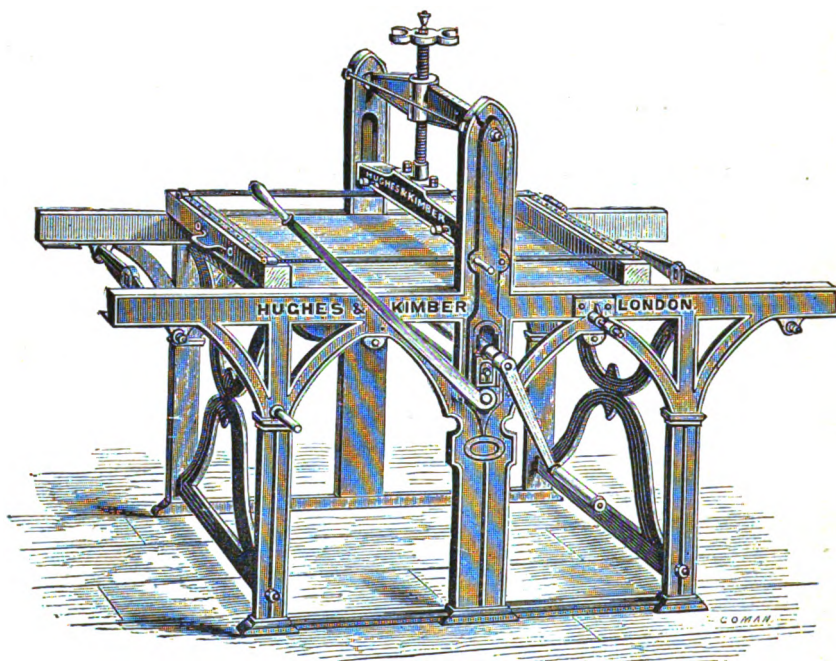
Tympan, Scrapers, Elastic Beds, and other accessories (*see pages 119 and 120.*)

*A Large Stock of Second-hand Presses always on hand. (see Monthly List.)*

REPAIRS OF PRESSES WITH EXPEDITION.



## No. 1 LITHOGRAPHIC PRESS.



This Press has side lever, cross head, and cylinder of the best wrought iron, and is warranted to be of first-class material and workmanship.

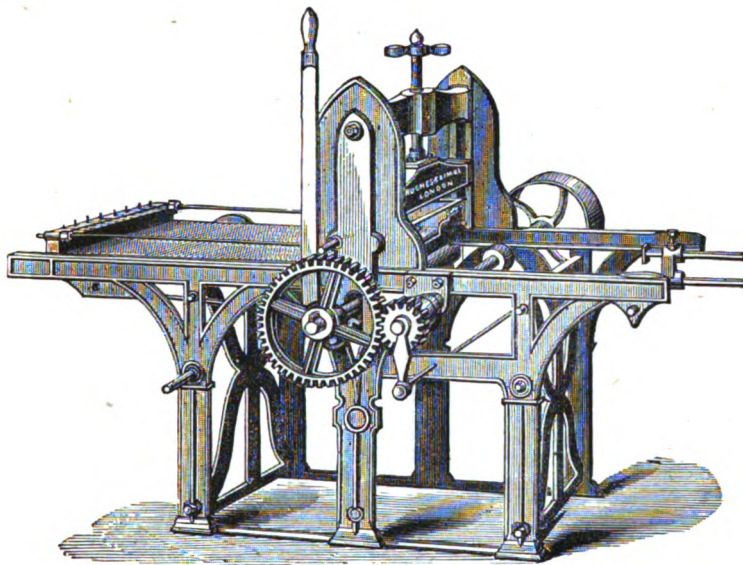
INCHES.											£	s.	d.
12 x 18	...	...	...	...	...	...	...	...	...	...	8	10	0
14 x 21	...	...	...	...	...	...	...	...	...	...	9	10	0
16 x 24	...	...	...	...	...	...	...	...	...	...	11	0	0
18 x 27	...	...	...	...	...	...	...	...	...	...	12	10	0
20 x 30	...	...	...	...	...	...	...	...	...	...	14	10	0
22 x 33	...	...	...	...	...	...	...	...	...	...	16	0	0
24 x 36	...	...	...	...	...	...	...	...	...	...	18	10	0
26 x 39	...	...	...	...	...	...	...	...	...	...	22	0	0
24 x 36 with wheel and pinion and improved stop	...	...	...	...	...	...	...	...	...	...	21	0	0
26 x 39	..	..	..	..	..	..	..	..	..	..	26	0	0
28 x 42	..	..	..	..	..	..	..	..	..	..	30	0	0
30 x 45	..	..	..	..	..	..	..	..	..	..	33	10	0
32 x 49	..	..	..	..	..	..	..	..	..	..	37	0	0
34 x 51	..	..	..	..	..	..	..	..	..	..	39	0	0
38 x 57	..	..	..	..	..	..	..	..	..	..	44	0	0
40 x 60	..	..	..	..	..	..	..	..	..	..	46	0	0
42 x 63	..	..	..	..	..	..	..	..	..	..	48	10	0
44 x 66	..	..	..	..	..	..	..	..	..	..	51	0	0

*The measurements given show the size of the carriage; the Press will print a stone about one inch smaller each way.*

Large Presses fitted with balance weights to run out the carriage, £4 extra. Extra Tympan Frames, 1/6 per inch in width.

Tympan, Scrapers, Elastic Beds, and other accessories (*see pages 119 and 120.*)

## PATENT SELF-ACTING STEAM LITHOGRAPHIC PRESS.



This Press is an adaptation of the ordinary Press for Steam Power. The principal parts are worked by mechanical movements (of course excepting the inking and wetting of the stone), thus effecting a great saving of labour.

INCHES.												£ s. d.
18 x 27	...	...	...	...	...	...	...	...	...	...	...	20 10 0
20 x 30	...	...	...	...	...	...	...	...	...	...	...	23 0 0
22 x 33	...	...	...	...	...	...	...	...	...	...	...	25 10 0
24 x 36	...	...	...	...	...	...	...	...	...	...	...	29 0 0
26 x 39	...	...	...	...	...	...	...	...	...	...	...	32 0 0
30 x 45	...	...	...	...	...	...	...	...	...	...	...	52 0 0
34 x 51	...	...	...	...	...	...	...	...	...	...	...	57 10 0
38 x 57	...	...	...	...	...	...	...	...	...	...	...	63 0 0
40 x 60	...	...	...	...	...	...	...	...	...	...	...	69 0 0
42 x 63	...	...	...	...	...	...	...	...	...	...	...	75 0 0
44 x 66	...	...	...	...	...	...	...	...	...	...	...	81 0 0

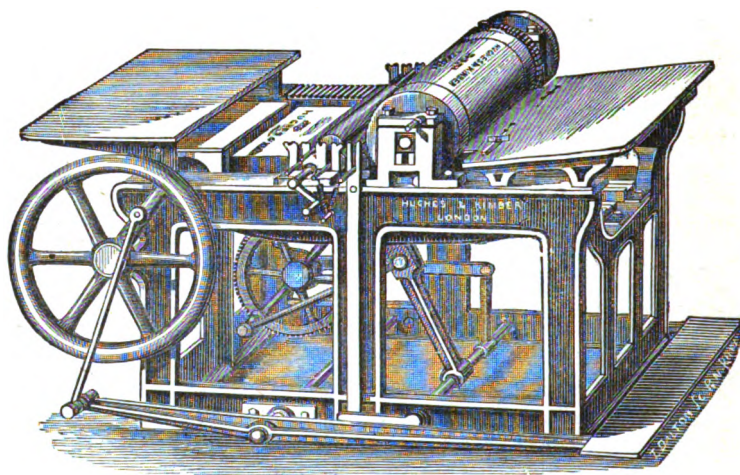
The measurements given show the size of the carriage ; the Press will print a stone about one inch smaller each way.

Tympan, Scrapers, Elastic Beds, and other accessories (*see pages 119 and 120.*)

REPAIRS OF PRESSES WITH EXPEDITION.

*Lie voor de machine met "Ink-Duct" de andere catalogus bl. 40. Lie groote en kleine.*

# THE "EMERALD" LITHOGRAPHIC PRINTING MACHINE.



This Machine is very useful in Printing Offices, where large numbers of Circulars, Bill Heads, Labels, &c., are wanted rapidly. Being fitted with self-acting Registering Apparatus, the finest description of color work may be executed with the greatest accuracy, as with the larger machines. It can be worked by a Treadle, as shown in the above engraving, or by Hand or Steam Power. By Treadle alone, a speed of 1,000 to 1,200 per hour can be attained.

A, to take a Stone 14 × 10 inches	...	...	...	...	£70
C       ,,       18 × 12       ,,	...	...	...	...	£85
D       ,,       21 × 16       ,,	...	...	...	...	£110

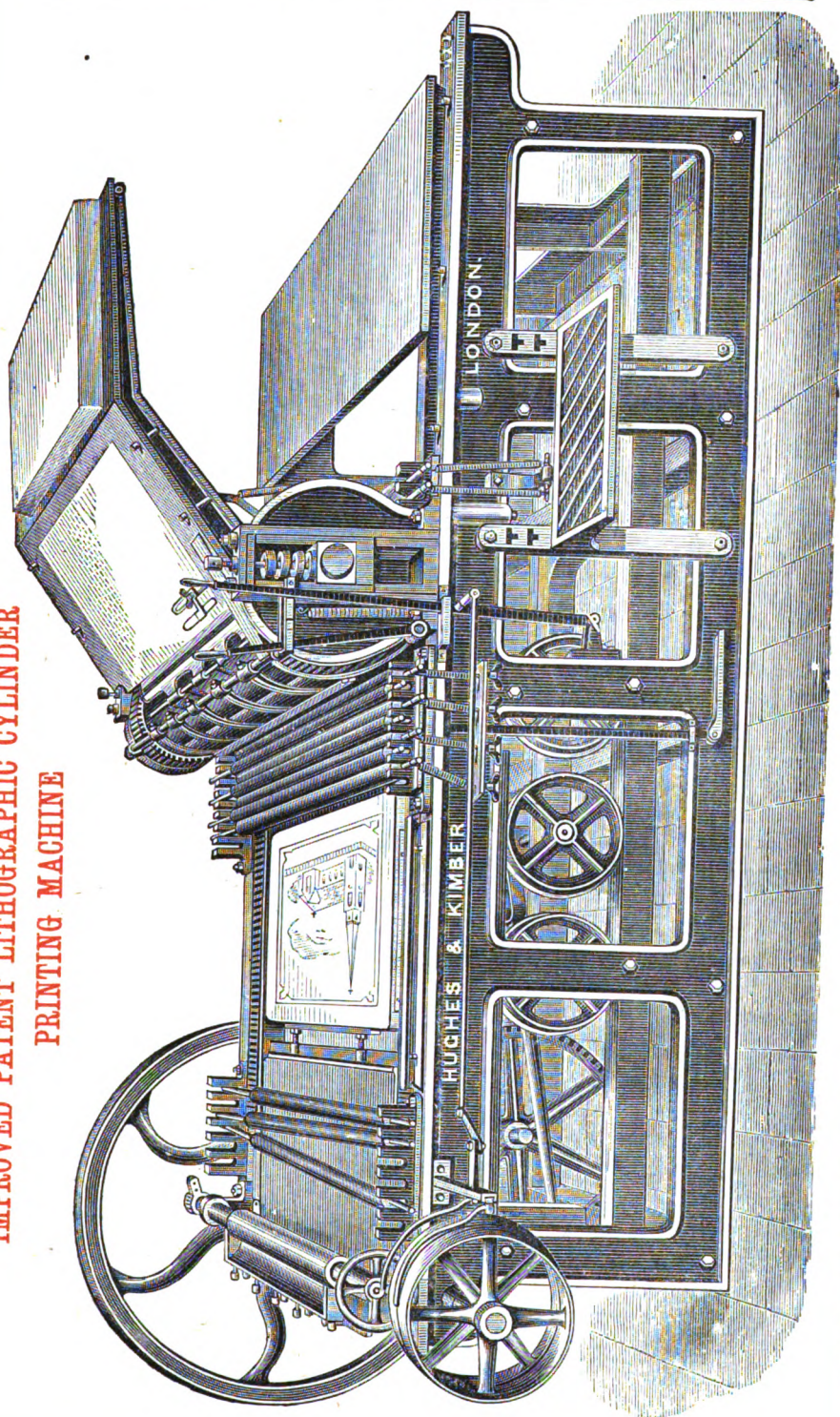
The above prices include one set of Inking and Damping Rollers.

If with Ink Duct—Sizes A and C, £10 extra ; D, £12 extra. Extra Set of Rollers to sizes A and C, £5 ; Extra ditto to size D, £7 10s.

Machines may be seen at Work in London.



IMPROVED PATENT LITHOGRAPHIC CYLINDER  
PRINTING MACHINE



## THE ADVANTAGES OF THE LITHOGRAPHIC MACHINE

MAY BE BRIEFLY STATED AS

## 1.—Facility in Making Ready.

Owing to the great simplicity of the mechanical arrangements, and the entire absence of complex movements, the stone can be adjusted with perfect ease—in fact, the time required is scarcely more than on an ordinary Press, thus enabling short numbers to be worked with perfect economy. The table can be raised by simply turning a handle, so as to suit stones of every thickness.

## 2.—The Rollers

Being made from the very best leather, great uniformity of pressure is obtained, and any number of impressions may be taken from a single transfer.

## 3.—Varying Speeds.

A pair of Cone Pulleys, Countershaft, &c., may be used, by means of which the printer can change the speed so as to yield any given number of impressions per hour.

## 4.—The Inking and Damping Apparatus

Are entirely self-acting. The supply of ink is varied at will with the greatest nicety. Double Inking, by a very simple motion, can be momentarily secured, and the cylinder brought to a stand if required. The rollers can speedily be lifted off the stone, while the Machine is in motion, by a very simple arrangement, which a boy can easily manage.

## 5.—Registering Colour Work.

The Registering Apparatus is self-acting, whereby perfect register is made certain, even though the sheet may not have been properly laid on, as it rights itself instantaneously. The Brake motion is arranged so that pressure is applied to the cylinder immediately before and after taking the impression, thereby preventing any inequality of motion when the stone takes or leaves the cylinder. By these arrangements the finest description of Chromo work may be executed with the greatest accuracy.

The very great number of Machines which H. & K. have supplied to the trade in all parts of the world, offer, they trust, a sufficient proof of their superior excellence in every respect.

## SIZES AND PRICES.

				To take Stones				
				inches.				
Crown	...	...	...	21 × 16	...	...	£	s. d.
Demy	...	...	...	26 × 20	...	...	140	0 0
Double Crown	...	...	...	32 × 22	...	...	160	0 0
Double Demy	...	...	...	38 × 26	...	...	200	0 0
Double Royal	...	...	...	42 × 32	...	...	260	0 0
Quadruple Demy	...	...	...	48 × 36	...	...	350	0 0
Quadruple Royal	...	...	...	60 × 40	...	...	450	0 0
Countershaft, Cone Pulleys, Hangers, &c., for 3 different speeds	...	...	...		...	...	500	0 0
"	"	"	"	4	"	...	10	0 0
"	"	"	"		"	...	12	0 0

## HUGHES & KIMBER, LIMITED, LONDON.

### ACCESSORIES FOR LITHOGRAPHIC PRESSES.

Size of Press.	Leather Tympan.	French Leather Tympan.	Brass Tympan.	Zinc Tympan.	Boxwood Scraper.	Elastic Bed.
Inches.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
12 × 18	7 4	8 3	2 9	1 5	1 5	1 2
14 × 21	9 9	11 0	3 8	1 10	1 8	1 7
16 × 24	12 6	14 1	4 9	2 5	1 11	2 0
18 × 27	15 7	17 7	5 11	3 0	2 2	2 7
20 × 30	19 0	21 5	7 2	3 7	2 5	3 2
22 × 33	22 9	25 8	8 7	4 4	2 8	3 10
24 × 36	26 10	30 3	10 1	5 1	2 11	4 6
26 × 39	31 3	35 2	11 9	5 11	3 2	5 4
28 × 42	36 0	40 6	13 6	6 9	4 6	6 2
30 × 45	41 1	46 3	15 5	7 9	4 10	7 1
32 × 48	46 6	52 4	17 6	8 9	5 2	8 0
34 × 51	52 3	58 10	19 8	9 10	5 6	9 1
36 × 54	58 4	65 8	21 11	11 0	5 10	10 2
38 × 57	64 9	72 11	24 4	12 2	6 2	11 4
40 × 60	71 7	80 6	26 10	13 5	6 6	12 6
42 × 63	78 7	88 5	29 6	14 9	6 10	13 10
44 × 66	86 0	96 9	32 3	16 2	7 2	16 6

The Tympana are cut one inch less in width and six inches more in length than the size of the Press.

The Boxwood Scrapers are cut one inch less than the width of the Press.

For Presses up to 26 × 39 inches the Scrapers are 3 inches deep and  $\frac{1}{8}$  inch thick.

„ over 26 × 39 „ „ 3 $\frac{1}{2}$  „ 1 „

The Elastic Beds are cut the full size of the Press.

### ACCESSORIES FOR LITHOGRAPHIC MACHINES.

	Full Size of Stone.	Ordinary Blankets.	India Rubber Blankets.	Zinc Backing Sheets.	Elastic Beds.
	Inches.	s. d.	s. d.	s. d.	s. d.
A Emerald ...	15 × 10	3 2	5 4	0 7	0 10
C „ ...	19 × 14	5 0	8 11	1 0	1 5
D „ ...	22 × 16	6 5	11 6	1 3	1 10
Crown ...	22 × 16	6 5	11 6	1 3	1 10
Demy ...	26 × 20	9 0	16 6	1 10	2 9
Double Crown ...	32 × 22	11 11	22 0	2 6	3 8
Double Demy ...	38 × 26	16 3	30 4	3 6	5 2
Double Royal ...	42 × 32	21 6	40 8	4 8	7 0
Quadruple Demy ...	48 × 36	27 3	51 9	6 0	9 0
Quadruple Royal ...	60 × 40	37 4	71 2	8 4	12 6

The Ordinary Blankets are cut 1 inch longer and 4 inches wider than the full size of stone.

The India Rubber Blankets are cut 1 inch longer and 2 inches wider than the full size of stone.

If with Calico sewn on, 2/ each extra for all sizes up to and including Demy.

„ „ 3/ „ Double Crown and Double Demy.

„ „ 4/ „ Double Royal.

„ „ 5/ „ Quadruple Demy.

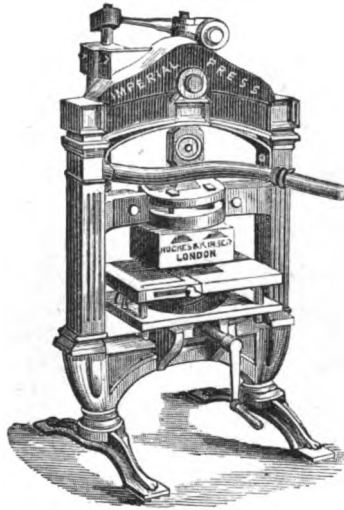
„ „ 6/ „ Quadruple Royal.

The Zinc Backing Sheets and Elastic Beds are cut the full size of stone.





## BOOKBINDERS' ARMING PRESS.



No.	Clear Space inside the Frame.	Size of rising Table or Bed.	Will Block Solid Matter.	
	INCHES.	INCHES.	INCHES.	£ s. d.
1, with Fixture Bed	15	12½ × 9½	9 × 6½	14 10 0
1, „ Rising and Sliding Bed	15	12½ × 9½	9 × 6½	18 10 0
2, „ „ „ „	19½	17 × 11½	11 × 6½	32 0 0
3, „ „ „ „	24½	20 × 12	13 × 9	50 0 0
4, „ „ „ „	26½	21 × 13	16½ × 10½	63 0 0

For larger sizes (see following pages.)

Inking Apparatus to Nos. 1 or 2, £10 extra. To Nos. 3 or 4, £12.

## TYPE OR BLOCK BOXES.

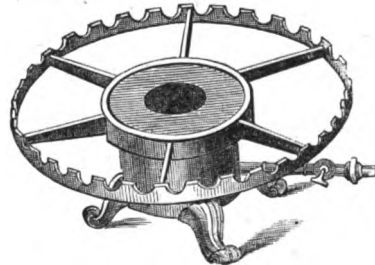
FITTED WITH SPACES, SET SCREWS, AND KEYS.

INCHES.	£ s. d.	INCHES.	£ s. d.
2½ × 3½ inside measure	... 1 16 0	5 × 6½ inside measure	... 2 14 0
3½ × 4½ „	... 2 3 6	6 × 7½ „	... 3 0 0
4 × 5½ „	... 2 10 0	7 × 8½ „	... 3 7 6



Finishing Stove, £2 10.

## GAS STOVES

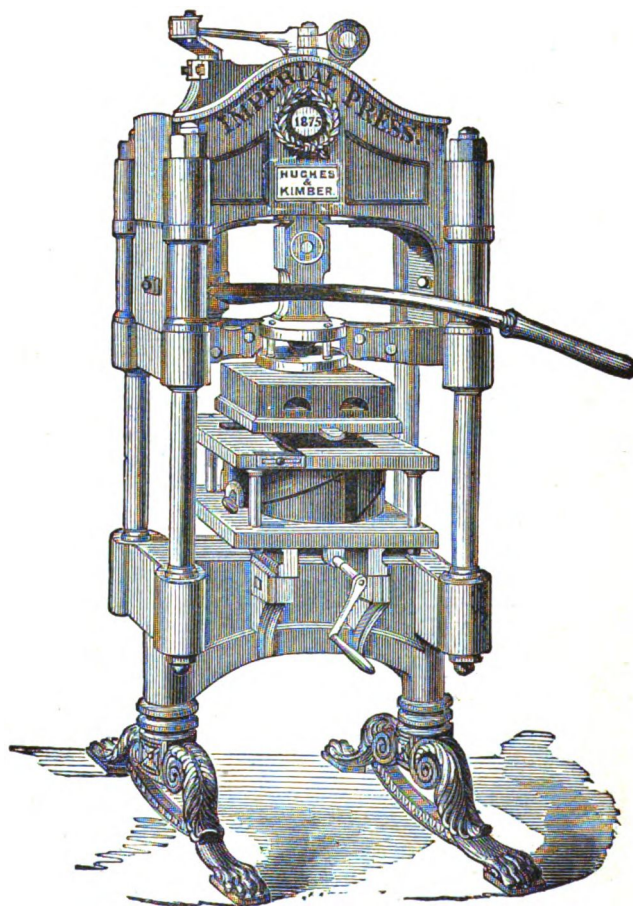


Small size Stove, 16/-

Patent Stove for heating glue, 12/-

## BOOKBINDERS' ARMING PRESS.

WITH 4 WROUGHT IRON PILLARS.



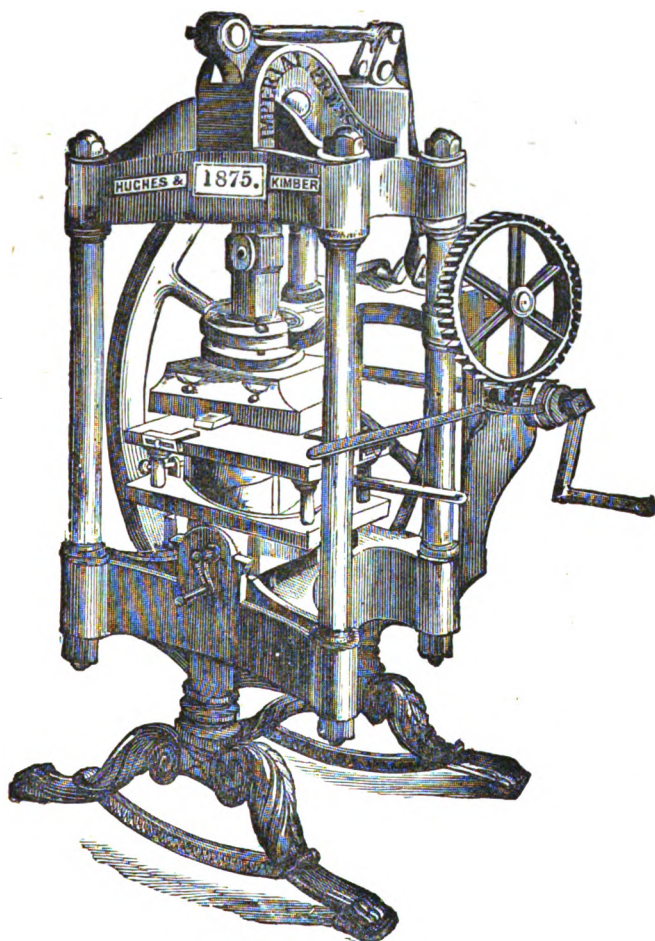
*With rising and sliding beds, to accommodate books of all sizes and thicknesses.*

	Clear Space inside the Frame.	Size of the Table or Bed.	Will Work a Block of Solid Matter.	
	INCHES.	INCHES.	INCHES.	£ s. d.
No. 4,	24 × 17	21 × 13	16½ × 10½	75 0 0
„ 5,	24 × 21	21 × 13	16½ × 10½	80 0 0
„ 6,	26 × 21	21 × 13	16½ × 10½	90 0 0

Extra charge for Wrought Iron Chills £6.

## BOOKBINDERS' ARMING PRESS.

WITH 4 WROUGHT IRON PILLARS AND ROTARY MOTION.

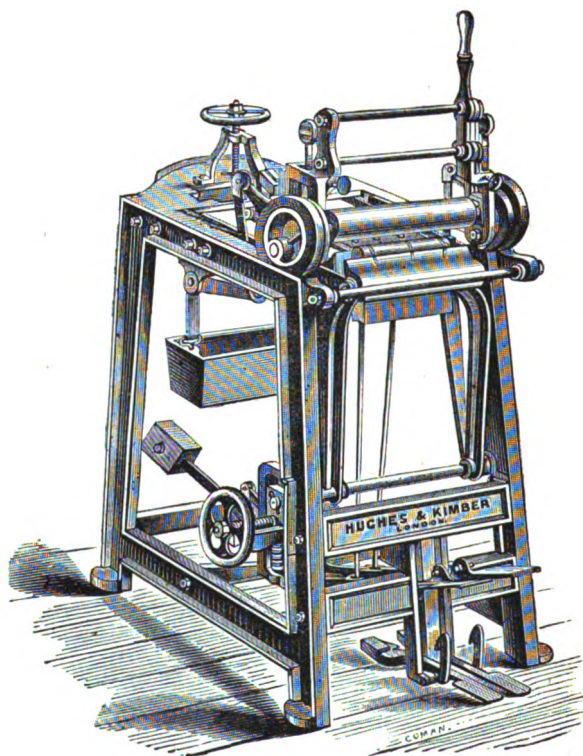


With rising and sliding bed, to accommodate books of all sizes and thicknesses.

	Clear Space inside the frame.	Size of the Table or Bed.	Will work a block of solid matter.	£ s. d.
	INCHES.	INCHES.	INCHES.	
No. 6,	26 × 21	21 × 13	16½ × 10½	120 0 0

Extra charge for Wrought Iron Chill, £9.

## BOOKBINDERS' BACKING MACHINE.



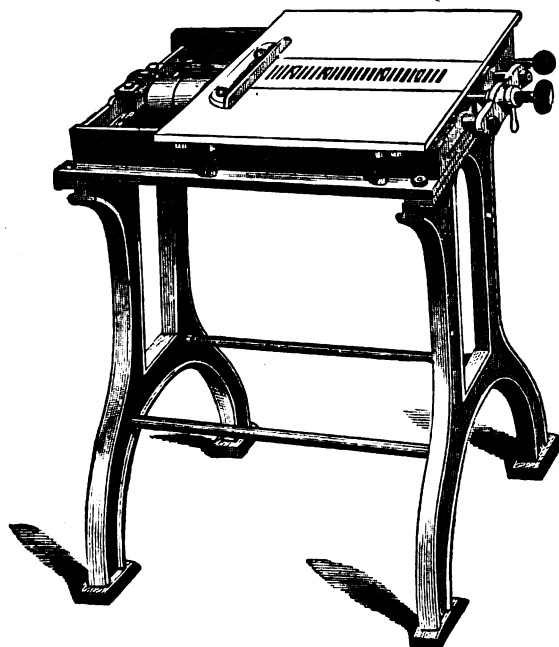
For rounding the backs of books.

							£	s.	d.
To take in books 12 Inches long	...	...	...	...	...	...	30	0	0
" " 14 "	...	...	...	...	...	...	44	0	0

## IMPROVED BEVELLING MACHINE.

To take in a board 23 inches long	...	...	...	...	...	...	3	10	0
" " 29 "	...	...	...	...	...	...	5	10	0

## BOOKBINDERS' SAW BENCH.



For Sawing the Backs of Books.

									£	s.	d.
For Treadle Power	...	...	...	...	...	...	...	...	25	0	0
„ Steam „	...	...	...	...	...	...	...	...	20	0	0

*Including 7 saws and various sizes of washers for changing every quarter of an inch.*

## Patent Guillotine Paper-Cutting Machines.

*See pages 76 to 79.*

## Millboard-Cutting Machine.

*See pages 79 and 80.*

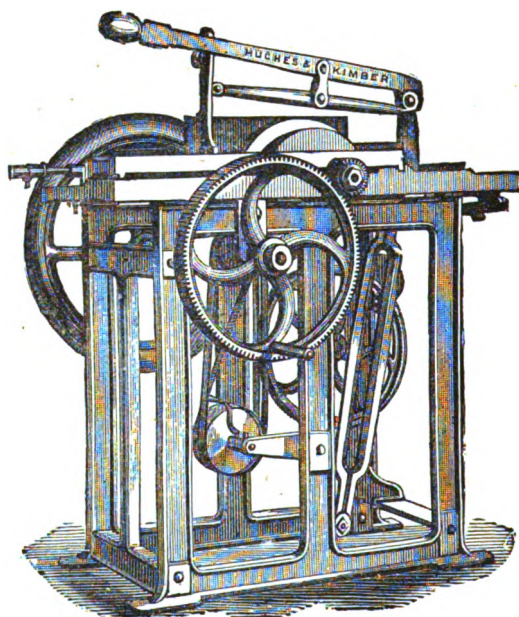
## Hydraulic and Screw Standing Presses.

*See pages 64 to 67.*

## Book Rolling Machines.

*See pages 90 and 91.*

## BOOKBINDERS' TRIMMING MACHINE.



The above Machine supersedes the hand-labour that has hitherto been required in Trimming. Its principle consists of a revolving circular knife driven by a treadle or handle ; a table, (containing the gauge, press-bar and rest), upon which the books are placed, glides across the axis of the knife, and the parts requiring cutting off, coming in contact with the revolving knife, are cut away.

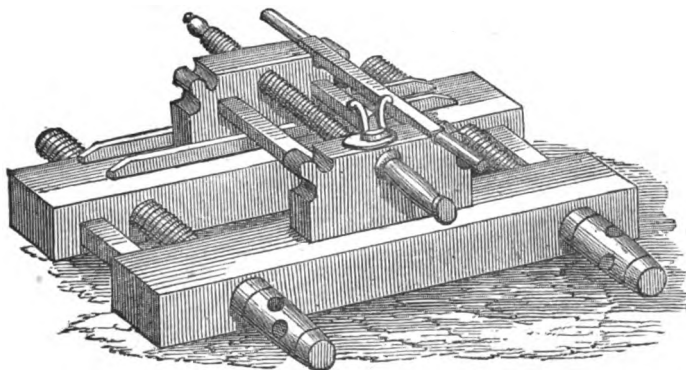
The machine as shown in the above illustration is driven by a handle at the side, and is self-acting. The action of the machine draws the table with regular mechanical motion,—and returns it with double speed. The table, on its return, stops, allowing the other parts of the machine to continue in motion, so that, when driven by power, the machine need not be stopped while another lot of books are being placed in it.

Where steam power is used, a boy or girl can work the machine.

INCHES							£	s.	d.
To take in a book or books	18	×	12	×	3	...	45	0	0
„ „ „	21	×	21	×	6	...	70	0	0

*Including glazier attached for sharpening knife, and arranged for hand or steam power.*

## CUTTING PRESS.



						£	s.	d.
Large size Cutting Press, 40 inches long, (takes in a 24 inch board) ...	...	...	...	...	...	2	0	0
Middle „ „ 35 „ „ ( „ 20 „ „ ) ...	...	...	...	...	...	1	16	0
Small „ „ 30 „ „ ( „ 16 „ „ ) ...	...	...	...	...	...	1	10	0
Atlas Cutting Press, 48 inches long, with guide board and stand ...	...	...	...	...	...	4	4	0
Machine Cutting Press, with board and shelf for cutting large or small work...	...	...	...	...	...	3	10	0
<i>All the above prices include plough, pin and knife.</i>								
Plough, for Cutting Press ...	...	...	...	...	...	0	8	0
„ „ with sliding Knife ...	...	...	...	...	...	0	14	0
High Plough ...	...	...	...	...	...	0	12	0
Plough Knives ...	...	...	...	...	£ doz. 17/-, each	0	1	6
Sliding Knives ...	...	...	...	...	£ doz. 17/-, each	0	1	6
Open Tub ...	...	...	...	...	...	0	15	0
Close Tub and Cover for large size press ...	...	...	...	...	...	2	0	0
„ „ middle ...	...	...	...	...	...	1	15	0
Board and Shelf ...	...	...	...	...	...	1	10	0

## FINISHING AND GILDING PRESSES.

Finishing Press, 18 inches long, (takes in 8 inches of work) ...	...	...	...	...	...	0	14	0
„ „ 20 „ „ ( „ 10 „ „ ) ...	...	...	...	...	...	0	16	0
„ „ 22 „ „ ( „ 12 „ „ ) ...	...	...	...	...	...	0	18	0
„ „ 24 „ „ ( „ 14 „ „ ) ...	...	...	...	...	...	1	0	0
Gilding „ Press, 40 „ „ with screw 36 inches long ...	...	...	...	...	...	1	10	0
„ „ 35 „ „ „ 32 „ „ ...	...	...	...	...	...	1	5	0

## SEWING PRESS.

Large size, 33 inches long, (takes in 23 inches of work) ...	...	...	...	...	...	0	10	0
Middle „ 30 „ „ ( „ 20 „ „ ) ...	...	...	...	...	...	0	8	6
Small „ 26 „ „ ( „ 16 „ „ ) ...	...	...	...	...	...	0	7	6
Press Keys for ditto...	...	...	...	...	...	£ doz.	0	3

## STABBING MACHINE.

Wood Stabbing Machine ...	...	...	...	...	...	1	1	0
Iron „ „ ...	...	...	...	...	...	3	0	0
„ „ „ with side and back gauges, and adjustable blades...	...	...	...	...	...	5	10	0
„ „ „ „ „ on	...	...	...	...	...	7	0	0
iron stand, to work by treadle ...	...	...	...	...	...	7	0	0



## CUTTING BOARDS.

		s.	d.			s.	d.
Demy 18mo...	5 inches long... $\frac{1}{2}$ pair	0	2	Foolscap folio, 15 inches long, $\frac{1}{2}$ pair	0	8	
" 12mo...	6 " " "	0	3	Demy folio, 18 " " "	0	10	
" 8vo ... 8	" " "	0	4	Medium folio 20 " " "	1	0	
Royal 8vo ... 10	" " "	0	5	Royal folio 22 " " "	1	3	
Demy 4to ... 12	" " "	0	6	Imperial folio 24 " " "	1	6	
Royal 4to ... 14	" " "	0	7	Parallel ... " " $\frac{1}{2}$ yard	1	0	

## PRESSING BOARDS.

	INCHES.				INCHES.		
Demy 12mo ... 8 x 5	$\frac{1}{2}$ pair	1	0	Long Demy ... 18 x 9	$\frac{1}{2}$ pair	4	6
Demy 8vo ... 10 x 6	" "	1	4	Medium folio ... 20 x 13	" "	7	0
Royal 8vo ... 11 x 7	" "	1	6	Long Medium ... 20 x 11	" "	6	0
Imperial 8vo ... 12 x 8	" "	2	0	Royal folio ... 22 x 14	" "	8	0
Double 12mo ... 10 x 8	" "	2	0	Imperial, " ... 24 x 16	" "	10	0
Demy 4to ... 13 x 9	" "	3	0	" Broadside 31 x 23	" "	18	0
Royal 4to ... 14 x 10	" "	3	6	Super Royal, " ... 28 x 21	" "	16	0
Foolscap folio ... 16 x 10 $\frac{1}{2}$	" "	4	0	Royal " ... 26 x 20	" "	14	0
Long Foolscap 16 x 7	" "	3	6	Demy " ... 24 x 18	" "	12	0
Demy folio ... 18 x 11 $\frac{1}{4}$	" "	5	0	Crown " ... 22 x 16	" "	10	0

## BACKING BOARDS.

Demy 18mo... 5 inches long $\frac{1}{2}$ pair	0	4	Demy folio, ... 18 inches long, $\frac{1}{2}$ pair	1	3
" 12mo... 6 " " "	0	5	Medium " ... 20 " " "	1	6
" 8vo ... 8 " " "	0	6	Royal " ... 22 " " "	1	9
Royal 8vo ... 10 " " "	0	7	Imperial, " ... 24 " " "	2	0
Demy 4to ... 12 " " "	0	8	Trindle, $\frac{1}{2}$ yard, 4d., 6d., and	0	8
Royal 4to ... 14 " " "	0	10	Gilding Board, $\frac{1}{2}$ foot, 6d., 8d.,		
Foolscap folio 15 " " "	1	0	rod. and	1	0

## CARRYING-OUT BOARDS.

	INCHES.				INCHES.		
Royal 8vo ..... 11 x 7	$\frac{1}{2}$ pair	2	6	Demy folio ... 18 x 11 $\frac{1}{4}$	$\frac{1}{2}$ pair	5	0
Demy 4to ..... 13 x 9	" "	3	0	Medium folio 20 x 13	" "	6	0
Royal 4to ..... 14 x 10	" "	3	6	Royal folio ... 22 x 14	" "	7	0
Foolscap folio 16 x 10 $\frac{1}{2}$	" "	4	6	Imperial folio 24 x 16	" "	8	0

## RUSSIA GRAINING BOARDS.

	INCHES.		£	s.	d.		INCHES.		£	s.	d.
Demy 8vo	10 x 6	$\frac{1}{2}$ pair	0	8	0	Demy	18 x 11 $\frac{1}{4}$	$\frac{1}{2}$ set	2	0	0
" "	10 x 6	$\frac{1}{2}$ set	0	12	0	Medium	20 x 13	$\frac{1}{2}$ pair	1	10	0
" 4to	12 x 8	$\frac{1}{2}$ pair	0	15	0	"	20 x 13	$\frac{1}{2}$ set	2	10	0
" "	12 x 8	$\frac{1}{2}$ set	1	5	0	Royal	22 x 14	$\frac{1}{2}$ pair	1	15	0
Foolscap	16 x 10 $\frac{1}{2}$	$\frac{1}{2}$ pair	1	0	0	"	22 x 14	$\frac{1}{2}$ set	3	0	0
"	16 x 10 $\frac{1}{2}$	$\frac{1}{2}$ set	1	10	0	Imperial	24 x 16	$\frac{1}{2}$ pair	2	0	0
Demy	18 x 11 $\frac{1}{4}$	$\frac{1}{2}$ pair	1	10	0	"	24 x 16	$\frac{1}{2}$ set	3	10	0
Morocco Pallets ...						2/6 and 5/-					

## RUSSIA AND MOROCCO GRAINING PLATES.

	INCHES.	Common grain.			Medium grain.			Fine grain.				
		£	s	d.	£	s	d.	£	s	d.		
Demy 18mo	7 × 4	0	9	0	...	0	11	6	...	0	14	0
„ 12mo	8 × 5	0	18	0	...	1	0	6	...	1	3	0
„ 8vo	10 × 6	1	3	0	...	1	6	0	...	1	9	0
Royal 8vo	11 × 7	1	8	0	...	1	11	0	...	1	14	0
Demy 4to	13 × 9	2	4	0	...	2	13	0	...	3	2	0
Royal 4to	14 × 10	2	15	0	...	3	3	6	...	3	12	0
Demy folio	18 × 11½	4	10	0	...	5	2	0	...	5	15	0
Royal folio	22 × 14	5	5	0	...	5	17	6	...	6	10	0
Morocco Pallets	...	..	...	...	...	...	...	...	2/6 and	0	5	0

## FILLETS.

	s.	d.		s.	d.
Single line, Nos. 1, 2, 3, 4, 5, 6, 7	5	0	3-line, 1 thick & 2 thin, Nos. 22, 23	6	6
2-line, „ 8, 9, 10 ...	5	6	„ „ „ 24, 25	7	0
„ „ 11, 12 ...	6	0	„ „ „ 26, 27	7	6
3-line, „ 13, 14, 15 ...	6	6	4-line, No. 28 ...	8	0
2-line, thick & thin, Nos. 16, 17, 18	6	0	Dotted „ 29, 30 ...	8	0
„ „ „ 19, 20 ...	6	6	Waved „ 31, 32 ...	8	0
„ „ „ 21 ...	7	0	Guinea Edge... ..	5	6

*For Patterns see Specimen Book.*

## PALLETS.

Single line ...	Ψ set of 6 ...	7	0	3-line ...	Ψ set of 6 ...	10	6
„ „ ...	„ 10 ...	10	0	Gouges ...	„ 6 ...	7	6
2-line ...	„ 6 ...	9	0	„ „ ...	„ 12 ...	15	0
„ thick and thin	„ 6 ...	9	0	Half Circle Gouges	„ 6 ...	10	6

## ROUGH CABLE ROLLS.

No. 6, £1 5 0; No. 7, £1 2 0; No. 8, £1 0 0.

*For Patterns see Specimen Book.*

## CAT'S TOOTH ROLLS.

No. 37, 14/-; No. 38, 13/-; No. 39, 13/-

*For Patterns see Specimen Book.*

## EDGE ROLLS.

Nos. 1, 2, 3, 4, 5, 6, 7, or 8, 14/- each.

*For Patterns see Specimen Book.*

## FINISHING ROLLS.

No.	£	s.	d.	No.	£	s.	d.	No.	£	s.	d.	No.	£	s.	d.
1 ...	2	2	0	20 ...	1	5	0	36 ...	1	5	0	55 ...	0	18	0
2 ...	2	0	0	21 ...	1	5	0	40 ...	1	2	0	56 ...	1	1	0
3 ...	2	0	0	22 ...	1	10	0	41 ...	1	1	0	57 ...	1	1	0
4 ...	2	0	0	23 ...	1	5	0	42 ...	1	1	0	58 ...	1	1	0
5 ...	1	10	0	24 ...	1	4	0	43 ...	1	2	0	59 ...	0	16	0
9 ...	1	15	0	25 ...	1	5	0	44 ...	1	6	0	60 ...	0	18	0
10 ...	2	10	0	26 ...	1	6	0	45 ...	0	18	0	61 ...	0	16	0
11 ...	2	2	0	27 ...	1	5	0	46 ...	0	18	0	62 ...	0	15	0
12 ...	1	15	0	28 ...	1	10	0	47 ...	0	18	0	63 ...	0	15	0
13 ...	1	10	0	29 ...	1	10	0	48 ...	1	0	0	64 ...	0	15	0
14 ...	1	10	0	30 ...	1	10	0	49 ...	0	18	0	65 ...	0	15	0
15 ...	1	10	0	31 ...	1	5	0	50 ...	1	4	0	66 ...	0	12	0
16 ...	1	12	0	32 ...	1	8	0	51 ...	1	0	0	67 ...	0	15	0
17 ...	1	10	0	33 ...	0	18	0	52 ...	0	16	0	68 ...	0	15	0
18 ...	1	6	0	34 ...	0	18	0	53 ...	0	18	0				
19 ...	1	6	0	35 ...	1	4	0	54 ...	0	18	0				

*For Patterns see Specimen Book.*

## FINISHING PALLETS.

One third the price of Rolls.

*For Patterns see Specimen Book.*

# ORNAMENTAL TOOLS, CENTRES, CORNERS, TITLES, &c.

No. s. d	No. s. d	No. s. d	No. s. d	No. s. d	No. s. d
1...2 6	30...2 3	59...4 6	91...1 9	120...6 6	148...5 0
2...2 9	31...2 0	60...4 0	92...5 6	121...6 6	149...6 0
3...1 9	32...2 0	61...3 6	93...4 6	122...6 6	150...5 0
4...1 6	33...2 0	62...5 6	94...2 6	123...6 6	151...5 0
5...4 6	34...1 9	63...6 0	95...2 0	124...7 0	152...5 6
6...2 6	35...2 6	64...6 0	96...3 0	125...6 6	153...6 0
7...2 0	36...2 0	65...9 0	97...2 0	126...6 6	154...7 0
8...2 6	37...3 0	66...3 6	98...3 6	127...8 0	155...7 0
9...2 6	38...2 9	67...3 6	99...1 6	128...6 6	156...7 0
10...3 6	39...3 6	68...1 6	100...1 6	129...6 6	157...9 0
11...2 9	40...3 0	69...2 0	101...4 6	130...6 0	158...7 6
12...1 9	41...2 6	70...2 6	102...5 6	131...7 6	159...6 6
13...2 0	42...2 9	71...2 6	103...3 6	132...7 0	160...6 6
14...2 6	43...2 0	72...2 6	104...2 9	133...6 6	161...5 6
15...1 9	44...2 6	73...2 6	105...4 0	134...5 6	162...4 0
16...2 0	45...3 6	74...3 6	106...2 0	135...5 6	163...4 0
17...2 6	46...2 9	75...8 0	107...3 6	136...5 6	164...3 6
18...1 9	47...2 6	76...6 6	108...2 9	137...6 0	165...6 0
19...2 0	48...3 0	77...3 6	109...5 0	138...6 6	166...6 0
20...2 6	49...1 6	78...6 0	110...2 6	139...6 6	167...3 6
21...2 9	50...1 6	79...9 0	111...2 9	140...15 0	168...9 0
22...2 3	51...3 6	80...7 6	112...4 6	141...4 6	169...5 0
23...2 3	52...3 6	81...13 0	113...7 0	142...5 6	170...4 6
24...2 6	53...5 0	82...10 6	114...4 6	143...4 6	171...15 0
25...2 3	54...2 3	83...6 6	115...3 0	144...4 6	172...7 6
26...2 0	55...2 6	84...7 6	116...3 6	145...4 6	173...3 0
27...4 0	56...2 3	85...2 0	117...6 6	146...3 6	174...9 0
28...2 9	57...4 6	86...1 0	118...6 6	147...4 6	175...4 0
29...2 6	58...3 6	87...3 0	119...6 0		

For Patterns, see Specimen Book.

## CAST BRASS TYPE.

	Per 100.
	£ s. d.
Nos. 1, 2, 3, 12, 18, 19, 22, 29, 30, 37, 38, 53, 54, 55, 61, 62, 63, 64, 70,	
71, 72, 77, 78, 89, 94, ... ..	0 12 0
Nos. 4, 11, 17, 20, 27, 28, 39, 44, 56, 65, 73, 74, 79, 84, 95, ... ..	0 14 0
Nos. 5, 6, 16, 21, 23, 26, 34, 35, 40, 41, 45, 46, 52, 57, 66, 67, 75, 80, 81,	
85, 87, 88, 96, 100 ... ..	0 18 0
Nos. 7, 10, 15, 25, 32, 33, 42, 47, 48, 51, 58, 76, 82, 86, 90, 93, 97, 101 ... ..	1 1 0
Nos. 8, 14, 31, 36, 24, 43, 49, 50, 68, 83, 60, 91, 98, 102, 103 ... ..	1 5 0
No. 99, ... ..	1 10 0
Nos. 9, 13, 59, 69, ... ..	1 12 0
No. 92, ... ..	1 15 0
No. 104, set of Dates ... ..	0 12 0
Nos. 110, 111, 112, 116, 124, 125, 126, 127, 128, 132, 133, 138, 142, 143 ... ..	0 14 0
Nos. 105, 106, 113, 114, 117, 118, 129, 130, 134, 139, 144 ... ..	0 18 0
Nos. 107, 115, 119, 120, 122, 123, 131, 140, 146, 147, 148, 149, 150, 151 ... ..	1 1 0
Nos. 108, 109, 121, 135, 136, 137, 141, 152 ... ..	1 5 0
No. 153 ... ..	1 10 0

For Specimens, see sheet annexed.



# SPECIMENS OF IMPROVED CAST

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16	MI
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HUGHES & KIMBER, LIMITED, WEST HARDING

HUGHES  
KIMBERLY

Digitized by Google





# TYPE HOLDERS.

Brass Type Holder, with spring side	...	...	...	...	...	5/- and	s. d.
"	"	...	...	...	...	7/6	6 0
"	"	extra large size	...	...	...	...	8 6
						...	10 0

# CAST BRASS HANDLE LETTERS.

	Per Set.	£	s.	d.
Nos. 1, 2, 3, 4, 11, 12, 17, 18, 19, 20, 22, 29, 30, 37, 38, 53, 54, 55, 61, 62, 63, 64, 70, 71, 72, 77, 78, 89	...	...	...	...
Nos. 5, 6, 10, 16, 21, 26, 23, 27, 24, 28, 39, 40, 44, 45, 56, 57, 65, 73, 74, 79, 84, 94, 95	...	0	9	0
Nos. 7, 8, 25, 41, 42, 46, 47, 48, 58, 66, 67, 75, 80, 81, 85, 87, 88, 90, 96, 97	...	0	11	0
Nos. 9, 43, 49, 50, 68, 76, 82, 86, 91, 98...	...	0	14	0
Nos. 15, 34, 35, 51, 52, 69, 83, 60, 93, 92, 99, 100, 101	...	0	18	0
Nos. 13, 14, 31, 32, 33, 36, 59, 102, 103	...	1	5	0
	...	1	12	0

For Specimens, see sheet annexed.

# CUT BRASS HANDLE LETTERS.

	Per Set.	£	s.	d.
No. 8 M	...	0	10	0
No. 7 M	...	0	10	0
No. 6 M M	...	0	10	0
No. 5 M M	...	0	12	0
No. 4 M M	...	0	12	0
No. 3 M M	...	0	12	0
No. 2 M M	...	0	14	0
No. 1 M M M	...	0	14	0
$\frac{5}{16}$ of an inch M M	...	0	17	6
$\frac{3}{8}$ ditto M M	...	0	19	6
$\frac{7}{16}$ ditto M M	...	1	2	0
$\frac{1}{2}$ ditto M M	...	1	6	0
$\frac{5}{8}$ ditto	...	1	12	0
$\frac{3}{4}$ ditto	...	2	4	0
$\frac{7}{8}$ ditto	...	2	12	0
1 inch	...	3	5	0
Box for Set of Letters	...	2/-, 2/6 and	0	3 0

## BOOKBINDERS' CLOTH.

				£	s.	d.
Common Colours, all grains, ... ..	£ piece of about 38 yds.	1	2	6		
Scarlet " " " " " "	" " " " " "	1	16	0		
Vermillion " " " " " "	" " " " " "	2	15	0		
Ultramarine " " " " " "	" " " " " "	1	10	0		
Mauve, Magenta, and other best colours, all grains, ...	" 30/- to	2	0	0		
Common Colours, plain, ... ..	" " " " " "	1	1	0		
Ultramarine " " " " " "	" " " " " "	1	8	0		
Magenta and other best colours, plain, ... ..	" 28/- to	1	15	0		
Fancy Cloth, all kinds, ... ..	" " " " " "	1	18	0		
Vellum Cloth, common colours ... ..	£ yard	0	1	0		
" " best colours... ..	£ yard, 1/4 to	0	1	6		
Buckrams ... ..	£ yard	0	1	6		
Unglazed Cloth ... ..	£ yard, 6d. to	0	0	8		
Canvas... ..	£ piece of 40 yds., 6/6, 7/- and	0	7	6		

## BOOKBINDERS' LEATHER, FORTL AND VELLUM.

MOROCCO, hard grain ; brown, purple, dark green, scarlet, blue, crimson, light green, &c., ... ..	£ doz. skins from 90/- to	6	0	0
" straight or cross grain ; dark colours " " 80/- "	" " 80/- "	5	0	0
" " scarlet, green, blue, and crimson ... ..	" " 90/- "	6	0	0
" " levant grain ; various colours ... ..	" " 100/- "	7	10	0
RUSSIA, thin or stout, all colours ... ..	£ hide from 40/-	4	0	0
CALF, all colours ... ..	£ doz. skins from 80/-	6	0	0
" rough or smooth ... ..	" " 50/- "	6	0	0
ROAN, hard grain ; red, light blue, crimson, and light green ... ..	" " 60/- "	4	0	0
" " brown and dark colours " " 54/- "	" " 54/- "	3	3	0
" straight grain ; red, light blue, crimson and light green ... ..	" " 54/- "	3	12	0
" " brown and dark colours " " 48/- "	" " 48/- "	3	6	0
SKIVERS, paste grain ; red, light blue, mauve, and green ... ..	" " 54/- "	3	6	0
" " purple, maroon, and dark green ... ..	" " 48/- "	3	0	0
" straight or cross grain ; red ... ..	" " 54/- "	3	6	0
" " other colours... ..	" " 42/- "	2	14	0
" glazed ; all colours ... ..	" " 36/- "	2	4	0
" fish grain ; purple, maroon, and green ... ..	" " 42/- "	2	12	0
" levant grain ; " " 42/- "	" " 42/- "	2	12	0
" " red ... ..	" " 48/- "	2	18	0
SHEEP, ... ..	" " 21/- "	2	10	0
BARK SKIVERS, ... ..	" " 36/- "	2	8	0
SMOOTH PERSIANS, (imitation calf,) all colours " " 36/- "	" " 36/- "	2	8	0
" " hard grain " " 36/- "	" " 36/- "	2	16	0
BAZIL, red glazed ... ..	" " 54/- "	3	6	0
FOREL, white, 24 x 31 inches ... ..	£ doz. skins,	1	2	0
" " 26 x 32 " " " " " "	" " " " " "	1	4	0
" " 21 x 30 " " " " " "	" " " " " "	1	9	0
VELLUM,				
Medium. Royal. Super Royal. Imperial.				
20 x 28 22 x 30 22 x 33 21 x 36				
White 5/6 6/9 8/6 10 - £ skin.				
Green 6/- 7/3 9/- 10/6 "				

*Prices vary with the Market.*

## BOOKBINDERS' IMITATION CLOTH.

In 5 different grains.

Nos. A, B, C, D, and E.

Colours, Nos.	10, 12, 13	...	...	piece of 36 yds. long, 36 inches wide	£	s.	d.
"	"	6, 7, 8, 9, 15, 17, 18, 19, 21, 22	"	"	0	13	0
"	"	"	"	"	0	15	0
"	"	1, 2, 4	"	"	0	16	6
"	"	3, 5, 20	"	"	0	18	6
"	"	16	"	"	1	1	0

*Specimens on application.*

## BOOKBINDERS' IMITATION LEATHER.

In all colours and grains.

No.	A	...	...	Seal.
"	C	...	...	Levant, or large grained Morocco.
"	D	...	...	" extra large.
"	F	...	...	" small.
"	G	...	...	Fishgrained, or small hard grained Morocco.
"	I	...	...	Paste Grain.
"	J	...	...	Diced Grain.
"	H	...	...	Straight Grain.
"	K	...	...	Basil.
"	RUSS.	...	...	Russia.

*All colours and grains are same price.*

Size. INCHES.		Ordinary. s. d.	Thick. s. d.	Ordinary, Waterproof both sides. s. d.	Thick, Waterproof both sides. s. d.
20 x 30	100 skins	46 0	70 0	53 0	78 0
40 x 30	"	...	140 0	...	...
15 x 10½	"	12 0	18 2	...	...
12½ x 9	"	8 10	13 3	...	...
10½ x 7½	"	6 3	9 4	...	...
9½ x 7	"	4 6	6 6	...	...

Other sizes (smaller than 20 x 30) to order.

*Specimens on application.*

## SILK HEADBANDS.

**In all patterns and colors.**

No.		for	18mos.	...	...	...	...	...	...	¢ piece of 12 yards	s.	d.
"	1	"	12mos.	...	...	...	...	...	...	2	6	0
"	3	"	8vos.	...	...	...	...	...	..."	2	6	0
"	3	"	8vos.	...	...	...	...	...	..."	3	0	0
"	4	"	Royal 8vos.	...	...	...	...	...	..."	3	6	0
"	5	"	4tos.	...	...	...	...	...	..."	4	0	0
"	6	"	Folios	...	...	...	...	...	..."	4	6	0
"	7	"	"	...	...	...	...	...	..."	5	0	0
"	8	"	"	...	...	...	...	...	..."	5	6	0

*Patterns on application.*

## COTTON HEADBANDS.

**In all patterns and colors.**

[illegible]

*Patterns on application.*

**Best quality. 2, 3, 4 or 5 cord.**

No.	12	...	...	...	lb.	s.	d.	No.	28	...	...	...	lb.	s.	d.
"	16	...	...	...	"	3	0	"	30	...	...	...	"	4	9
"	18	...	...	...	"	3	2	"	35	...	...	...	"	4	6
"	20	...	...	...	"	3	3	"	40	...	...	...	"	5	3
"	22	...	...	...	"	3	5	"	50	...	...	...	"	6	2
"	25	...	...	...	"	3	7	"	60	...	...	...	"	7	0

GLUE.

*Prices vary with the market.*

		INCHES.				℥	s.	d.
Pale Gold Leaf	...	...	$3\frac{1}{8} \times 3\frac{1}{8}$	...	1000 leaves	...	1	19 0
Lemon "	...	...	$3\frac{1}{8} \times 3\frac{1}{8}$	...	"	...	2	3 0
Deep "	...	...	$3\frac{1}{8} \times 3\frac{1}{8}$	...	"	...	2	6 0
" "	...	...	$3\frac{3}{8} \times 3\frac{3}{8}$	...	"	...	2	7 0
Red "	...	...	$3\frac{3}{8} \times 3\frac{3}{8}$	...	"	...	2	8 0
Silver Leaf	...	...	$4\frac{1}{2} \times 4\frac{1}{2}$	...	"	...	0	14 0

*The above are Nett Cash Prices.*

**For leather or cloth.**

Black, 5/- and 6/- ½ lb.      Red, 8/- ½ lb.

				£	s.	d.					£	s.	d.
Red Lake	..	...	...	7	6	0	Black	...	...	...	7	2	6
"	best	...	...	"	30	0	"	fine	...	...	"	4	0
Indigo	...	...	...	"	10	0	Indigo Black	...	...	...	"	7	6
Blue	...	...	...	"	4	6	Light Green	...	...	...	"	4	0
Orange	...	...	...	"	4	0	Medium Green	...	...	...	"	4	0
Yellow	...	...	...	"	3	6	Dark Green	...	...	...	"	4	0
Red	...	...	...	"	5	0	Ochre	...	...	...	"	4	0
Vermillion	...	...	...	"	12	0	White	...	...	...	"	3	0
Brown	...	...	...	"	4	0	Pink	...	...	...	"	3	6

In 1 lb. air-tight jars.

							s.	d.
Combs ... ..	...	...	...	...	...	set, 10/- and	12	6
Stone Slabs ... ..	...	...	...	...	...	3/- and	4	0
Marble Mullers, (1/2 per inch in diameter)	...	...	...	...	...	2/6, 3/6 and	4	0
Gum Dragon ... ..	...	...	...	...	...	½ lb.	5	0
Gall ... ..	...	...	...	...	...	¾ quart	1	0

**Troughs made to order.**

	INCHES.	s.	d.		INCHES.	s.	d.
Demy 12mo.	8 x 5	0	9	Royal 8vo.	11 x 7	1	2
„ 8vo.	10 x 6	1	0	„ 4to.	14 x 10	1	9

## POLISHED JAPPANED PRESSING PLATES.

	INCHES.	s.	d.		INCHES.	s.	d.
Demy 12mo.	...8 × 5 ...	...	2 3	Royal 8vo.	...11 × 7 ...	...	3 0
„ 8vo.	...10 × 6 ...	...	2 9	„ 4to.	...14 × 10 ...	...	5 6

## BRUSHES.

	s.	d.
Glue ...	1/-	and 1 6
„ zinc bound ...	...	2 0
Paste ...	2/-, 2/6, and	3 0
„ copper bound ...	...	3 0
„ copper ring ...	...	7 0
Sprinkling ...	...	2 6
Finger Sprinkling ...	...	1 0
Size ...	8d., 10d., and	1 0
Stencil ...	2d., 3d., and	0 4
Gilders' Tip ...	...	0 6

## KNIVES.

	s.	d.
Gold ...	1/6, 2/3, and	3 0
Paring ...	...	0 8
Cutting out ...	...	0 8
Trimming ...	...	2 0
Palette, 6-inch 10d.; 7-inch 1/-; 8-inch 1/3; 9-inch 1/6; 10-inch 2/6; 12-inch	3 6	
Paper ...	3/6 and	5 0
„ with buckhorn handle ...	5/- and	7 6

## BURNISHERS.

	s.	d.
Tooth Agate ...	...	4 6
Flat Agate ...	...	6 0
Bloodstone ...	12/-, 16/-, and	20 0

## TOOL HANDLES.

	s.	d.
For Handle Letters ...	½ dozen	0 6
„ Burnishers ...	each	0 9
„ Polishing Irons ...	„	0 9
„ Rolls ...	„	0 4
„ Tools ...	½ dozen	0 6

## SQUARES.

	s.	d.
Iron Square, 18-inch ...	...	2 6
Best Plated Square, with steel blade, 4½-inch, 2/-; 6-inch, 2/6; 7½-inch, 3/-	3 6	
9-inch ...	...	3 6

## RULES.

	s.	d.
Stationers' Size Rule ...	...	4 6
„ „ with brass edges ...	...	6 6
„ Rule, plain, with brass edges ...	...	5 0
Bookbinders' Rule ...	...	4 0
Vellum Binders' Size Rule ...	...	6 6

## COMPASSES.

							s.	d.
Common Compass	...	...	...	...	...	8d., 10d., 1/-, and	1	2
Lancashire Wing Compass	...	...	...	...	...	3/-, 4/-, and	5	0
Spring Dividers	...	...	...	...	...	2/6, 3/-, and	3	6

## SHEARS AND SCISSORS.







							£	s.	d.
Hand Shears, 10-inch	...	...	...	...	...	...	0	4	6
" 11 "	...	...	...	...	...	...	0	5	6
" 12 "	...	...	...	...	...	...	0	6	6
Millboard Squaring Shears, small size	...	...	...	...	...	...	1	5	0
" " usual "	...	...	...	...	...	...	1	10	0
" " large "	...	...	...	...	...	...	1	15	0
Strong Scissors	...	...	...	...	...	3/-, 3/6, 4/6, and	0	5	0

## BOOKBINDERS' SUNDRIES.

							£	s.	d.
Band Nippers	...	...	...	...	...	from	0	3	6
Packing Hammer	...	...	...	...	...	2/-, 2/6 and	0	3	0
Beating Hammer	...	...	...	...	...	4/-, 5/- and	0	6	0
Beating Stone or Iron, on stand	...	...	...	...	...	...	2	10	0
Bodkin and Handle	...	...	...	...	...	4d., 6d., 8d. and	0	1	0
Bone Folders	...	...	...	...	...	per doz.— 7 inch 3/6 ; 8 inch 4/- ; 9 inch	0	5	0
Cord, sewing	...	...	...	...	...	lb.	0	2	6
Creasers, 1, 2 or 3 line	...	...	...	...	...	2/-, 2/6 and	0	3	0
Creasers, with fence	...	...	...	...	...	...	0	3	6
Glaire, prepared	...	...	...	...	...	lb. pint can	0	1	6
Gold Cushion	...	...	...	...	...	...	0	3	0
Gold Cushion, with drawer	...	...	...	...	...	...	0	8	6
Glue, best Scotch	...	...	...	...	...	lb.	0	1	0
Glue Pot	...	...	...	...	...	2/-, 3/-, 4/-, 5/- and	0	7	6
Grindstone, with wooden trough, stand and treadle	...	...	...	...	...	...	1	2	0
Grindstone, with iron	...	...	...	...	...	30/- and	2	0	0
India Rubber Solution	...	...	...	...	...	lb.	0	3	0
Iron Liquor	...	...	...	...	...	lb. pint can	0	1	0
Knocking-down Iron	...	...	...	...	...	3/6, 4/6 and	0	5	6
Lake Liquor	...	...	...	...	...	lb. pint can	0	2	6
Leather Varnish	...	...	...	...	...	lb. pint bottle	0	2	6
Leather Varnish, best	...	...	...	...	...	...	0	4	0
Polishing Iron	...	...	...	...	...	4/- and	0	5	0
Paper Varnish	...	...	...	...	...	lb. gallon	0	12	0
Scraper	...	...	...	...	...	8d. and	0	0	10
Sewing Needles	...	...	...	...	...	lb. packet	0	2	6
Sewing Silk	...	...	...	...	...	lb. packet, 6d. and	0	0	9
Sponge	...	...	...	...	...	lb.	0	10	0
Tackerting	...	...	...	...	...	lb. packet	0	2	6
Tape Bodkin	...	...	...	...	...	...	0	1	0
Tapes, white, for sewing	...	...	...	...	...	lb. packet	0	1	0
Transparent Tracing Cloth	...	...	...	...	...	38 inches wide, lb. piece of 24 yards	1	8	0
Trindles	...	...	...	...	...	lb. pair, 2/- and	0	2	6
Trindles, Horseshoe	...	...	...	...	...	lb. 3/6 and	0	5	0
Twine	...	...	...	...	...	lb. ball	0	1	0
Vellum Slips and Cuttings	...	...	...	...	...	lb.	0	4	0

# MILLBOARDS.

Best Quality 27/- per cwt., price varies with the market.

DESCRIPTION.	THICKNESS.						
		6	7	8	8x	8xx	X
	Dozs. in Bundles	6	6	5	5	4	3
	Size in Inches.		Weight	of Bund	les in	lbs.	
Pott ... ..	17½ × 14½	28	40	48	56	60	58
Foolscap ... ..	18½ × 14½	32	44	50	58	62	58
Crown ... ..	20 × 16½	36	50	62	72	74	72
Small Half Royal ... ..	20½ × 13	30	44	50	60	62	58
Large Half Royal ... ..	21 × 14	30	48	60	62	70	72
Short ... ..	21 × 17	38	55	70	78	78	78
	Dozs. in Bundles	6	6	5	4	3	2
Small Half Imperial ... ..	22½ × 15	36	50	64	70	62	60
Half Imperial ... ..	23½ × 16½	40	60	66	70	66	64
Middle or Small Demy ... ..	22½ × 18½	45	60	66	74	72	66
Large Middle or Large Demy ... ..	23½ × 18½	48	68	66	76	74	60
Large or Medium ... ..	24 × 19	48	70	65	76	74	60
Small Whole Royal ... ..	25½ × 19½	52	78	78	84	84	68
	Dozs. in Bundles	6	6	4	3	2	2
Large Whole Royal ... ..	26½ × 20½	52	78	68	76	68	86
Extra Royal ... ..	28½ × 21½	56	82	74	80	74	92
	Dozs. in Bundles	6	4	3	2	2	2
Whole Imperial ... ..	32 × 22½	72	72	72	72	96	120
Long Thin ... ..	30 × 21	36	...	...	...	...	...
Ditto ... ..	"	54	...	...	...	...	...
Double Pott ... ..	29 × 17½	...	...	...	...	...	...
" Foolscap ... ..	29 × 18½	...	...	...	...	...	...
" Crown ... ..	33 × 20	...	...	...	...	...	...

DESCRIPTION	Size in Inches	Weight per Board.	Dozens in Bundles.	Weight per Bundle.	DESCRIPTION	Size in Inches	Weight per Board.	Dozens in Bundles.	Weight per Bundle.
Atlas ... ..	30 × 26	1 lb.	6	72	Colombier... ..	36 × 24	4½ lb.	2	108
" ... ..	"	1½	6	90	" ... ..	"	5½	2	132
" ... ..	"	1½	5	90	" ... ..	"	6	2	144
" ... ..	"	1½	4	84	" ... ..	"	7	2	168
" ... ..	"	2	3	72	Portfolio ... ..	34 × 27	2½	3	90
" ... ..	"	2½	3	81	" ... ..	"	3½	2	84
" ... ..	"	2½	3	90	" ... ..	"	5	2	120
" ... ..	"	3½	2	84	" ... ..	"	7	2	168
" ... ..	"	4½	2	108	Grt. Eagle or Double Elephant.)	40 × 28	3½	2	84
Extra Atlas ... ..	32½ × 26½	1	6	72	" ... ..	"	4½	2	108
" ... ..	"	1½	6	90	" ... ..	"	5½	2	132
" ... ..	"	1½	5	90	" ... ..	"	7	2	168
" ... ..	"	1½	4	84	" ... ..	"	8	2	192
" ... ..	"	2	3	72	" ... ..	"	9	2	216
" ... ..	"	2½	3	81	Emperor ... ..	44 × 30	4	2	96
" ... ..	"	2½	3	90	" ... ..	"	4½	2	108
" ... ..	"	3½	2	86	" ... ..	"	5	2	120
" ... ..	"	4½	2	112	" ... ..	"	5½	2	132
" ... ..	"	6½	2	150	" ... ..	"	6	2	144
Colombier... ..	36 × 24	2½	3	81	" ... ..	"	7	2	168
" ... ..	"	2½	3	90	" ... ..	"	8	2	192
" ... ..	"	2½	2	66	" ... ..	"	9	2	216
" ... ..	"	3	2	72	" ... ..	"	10	2	240
" ... ..	"	3½	2	84	" ... ..	"	...	...	...



## MILLBOARDS.

*Second quality.*

21s. per cwt. Price varies with the market.

DESCRIPTION.	SIZE IN INCHES.	6d.		7d.		8d.		8x.		8xx.		X.	
		Dozens in a Bundle.	Weight per Bundle.	Dozens in a Bundle.	Weight per Bundle.	Dozens in a Bundle.	Weight per Bundle.	Dozens in a Bundle.	Weight per Bundle.	Dozens in a Bundle.	Weight per Bundle.	Dozens in a Bundle.	Weight per Bundle.
Pott ...	17½ × 14½	6	24lb	6	36lb	6	45lb	5	50lb	4	55lb	3	52lb
Foolscap ...	18½ × 14½	6	28,	6	40,	6	48,	5	54,	4	58,	3	54,
Crown ...	20½ × 16½	6	32,	6	46,	6	58,	5	65,	4	70,	3	65,
Short ...	21 × 17	6	34,	6	50,	6	65,	5	74,	4	72,	3	68,
Middle or Demy	23 × 18½	6	42,	6	58,	5	62,	4	68,	3	66,	2	58,
Large or Medium	24 × 19	6	45,	6	64,	5	66,	4	70,	3	68,	2	64,
Small Royal	25½ × 19½	6	48,	6	70,	5	74,	4	78,	3	78,	2	68,
Large Royal	27 × 21	6	52,	6	76,	5	80,	3	72,	3	86,	2	78,
Super Royal	28 × 22	6	56,	6	80,	5	85,	3	75,	3	92,	2	84,
Whole Imperial	32 × 22½	6	64,	6	92,	5	95,	3	98,	2	80,	2	100,
Double Pott	28½ × 17½	6	48,	6	72,	5	75,	3	60,	2	48,	2	75,
Double Foolscap	29 × 18½	6	56,	6	80,	5	80,	3	66,	2	58,	2	77,
Double Crown	32½ × 20½	6	64,	6	92,	5	98,	3	78,	2	70,	2	80,
Double Medium	38 × 24	6	90,	4	84,	4	88,	3	100,	2	90,	1½	96,
Atlas ...	30 × 26	6	70,	6	90,	4	96,	3	96,	2	90,	1½	96,
Gt. Eagle, or Dble. Elephant ...	40 × 28	6											

## STRAW BOARDS.

BEST QUALITY... 15/6 per cwt.

SECOND QUALITY.....14/- "

size 25 × 30 inches.

BEST QUALITY ; —1½, 1½, 1½, 2, 2½, 2½, 3, 3½ &amp; 4 lb. ♀ board.

SECOND " " " " &amp; 4½ lb. ♀ board.

*Prices vary with the market.*

## SURFACE COLOURED PAPERS.

				Demy. INCHES. 18 X 22½ s. d.	Double Foolscap. INCHES. 17 X 27 s. d.	Royal. INCHES. 20 X 25 s. d.	Double Crown. INCHES. 20 X 30 s. d.
Surface Tinted, ... ..	per ream			17 0	20 0	22 0	25 0
Body Browns ... ..	"			21 0	24 0	25 0	28 0
Body Greens ... ..	"			24 0	26 0	28 0	30 0
Emerald Green ... ..	"			36 0	40 0	42 0	50 0
" " Second ... ..	"			25 0	28 0	30 0	34 0
Denmark Blue ... ..	"			30 0	34 0	35 0	40 0
Sky Blue ... ..	"			28 0	30 0	32 0	36 0
Ultramarine ... ..	"			30 0	34 9	35 0	40 0
" " Rolled ... ..	"			30 0	34 0	35 0	40 0
Pink ... ..	"			25 0	30 0	32 0	36 0
" " Deep ... ..	"			40 0	45 0	48 0	60 0
Scarlet Lake ... ..	"			45 0	50 0	54 0	68 0
Deep Crimson or Claret ... ..	"			55 0	60 0	65 0	80 0
Vermilion ... ..	"			55 0	60 0	65 0	80 0
Scarlet or Turkey Red ... ..	"			45 0	50 0	54 0	68 0
Mauve ... ..	"			32 0	40 0	42 0	48 0
Magenta ... ..	"			32 0	40 0	42 0	48 0
Enamelled Tints ... ..	"			30 0	35 0	38 0	45 0
" " White Bed ... ..	"			34 0	36 0	38 0	45 0
" " Second ... ..	"			25 0	28 0	30 0	35 0
White Watered ... ..	"			40 0	—	45 0	—
" " Second ... ..	"			30 0	—	35 0	38 0
Coloured Watered, various ... ..	"			40 0	—	—	—
Dull Black ... ..	"			25 0	28 0	30 0	32 0
Glazed Black ... ..	"			25 0	28 0	30 0	32 0
Bronze or Steel Blue ... ..	"			32 0	35 0	38 0	42 0
Bronze Brown ... ..	"			25 0	28 0	30 0	32 0
Flint Glazed Surface Green ... ..	"			—	—	—	30 0
" " Magenta ... ..	"			—	—	—	30 0
" " Mauve ... ..	"			—	—	—	30 0
" " White ... ..	"			—	—	—	30 0
" " Red (for Mem. covers) ... ..	"			—	21 0	—	—
Tin Foil Paper ... ..	"			—	—	—	—
Gold Paper ... ..	"			—	—	—	—
Gold Star Paper ... ..	"			28 0	—	—	—
" " Best ... ..	"			38 0	—	—	—
Gold Fancy Printed ... ..	"			—	—	—	—

## MARBLE PAPERS.

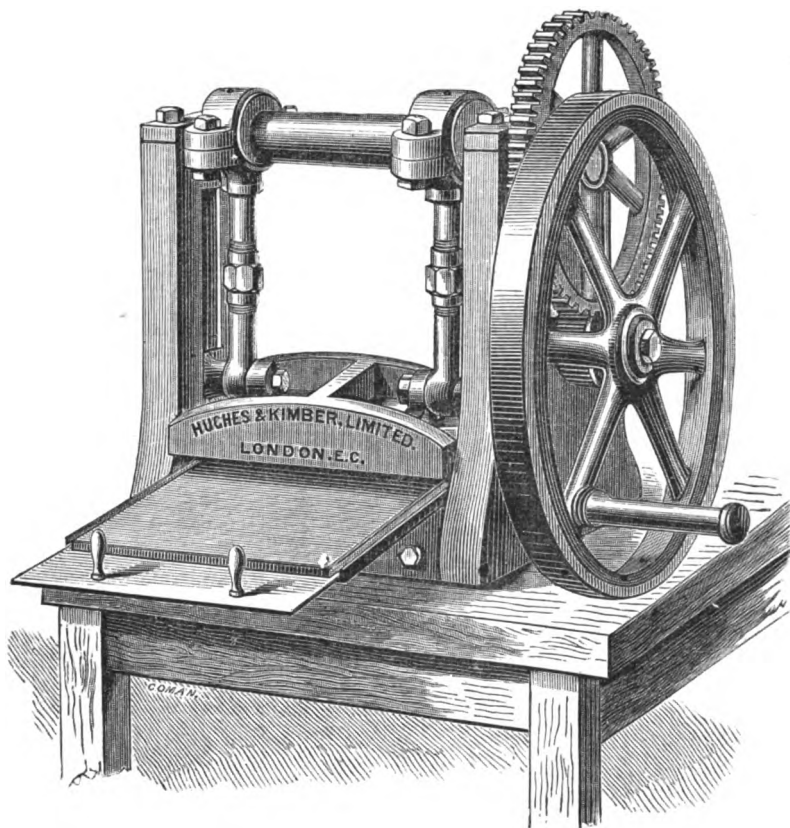
				Foolscap. INCHES. 13½ X 17 s. d.	Copy. INCHES. 16½ X 20 s. d.	Medium. INCHES. 18 X 22½ s. d.	Royal. INCHES. 20 X 25 s. d.
Dutch ... ..	per ream			70 0	80 0	95 0	110 0
Antiques ... ..	"			38 0	50 0	55 0	75 0
Super Antiques ... ..	"			30 0	40 0	45 0	50 0
Best Nonpareil ... ..	"			40 0	50 0	55 0	75 0
Super Nonpareil ... ..	"			30 0	40 0	45 0	60 0
Fine Nonpareil ... ..	"			20 0	30 0	35 0	45 0
Curls ... ..	"			35 0	40 0	50 0	65 0
Extra Spanish ... ..	"			36 0	45 0	55 0	70 0
British ... ..	"			36 0	45 0	55 0	70 0
Best Spanish ... ..	"			30 0	38 0	45 0	55 0
Super Spanish ... ..	"			24 0	32 0	40 0	50 0
Fine Spanish ... ..	"			14 0	21 0	28 0	38 0
West End ... ..	"			24 0	32 0	40 0	48 0
Italian ... ..	"			24 0	32 0	40 0	48 0
Best Grey or Stormont ... ..	"			16 0	25 0	32 0	45 0
Fine Grey or Stormont ... ..	"			14 0	21 0	28 0	38 0
Best Shell ... ..	"			16 0	25 0	32 0	42 0
Fine Shell ... ..	"			14 0	21 0	28 0	38 0
Fine Shell ... ..	"			10 0	16 0	21 0	28 0

## BOOKBINDING CATALOGUE.

	£	s.	d.		£	s.	d.
1 No. 1 Arming Press, with rising and sliding bed (see page 134) .....	18	10	0	6 pieces Bookbinders' Cloth, assorted, say	7	10	0
1 Blocking Plate 10 x 8.....	16	8		1 packet Sewing Needles .....			6
1 " 8 x 6.....	6	0		1 gallon Bookbinders' Varnish .....	16	0	
1 Type Case .....	2	0	0	1000 Gold Leaf, best deep .....	2	14	0
1 29-inch Millboard Cutting Machine (see page 80) ..	14	10	0	3 pairs 12-mo Pressing Boards, 1/-.....	3	0	
1 Iron Screw Standing Press, with four pillars, platen 25-in. x 20½-in. (see page 67) .....	18	0	0	3 " Demy 8-vo " 1/4.....	4	0	
1 Finishing Stove (see page 134) .....	2	10	0	3 " Royal 8-vo " 1/6.....	4	6	
1 Cutting Press, large size (see page 140) ..	2	0	0	3 " Demy 4-to " 3/- .....	9	0	
1 " middle " " " 1 16 0				2 " Demy folio " 5/- .....	10	0	
1 " small " " " 1 10 0				3 " 12-mo Backing Boards, 5d.....	1	3	
1 Gilding Press, 40-in. long .....	1	10	0	3 " Demy 8-vo " 6d.....	1	6	
1 Finishing Press, 22-in. ....	18	0		3 " Royal 8-vo " 7d.....	1	9	
1 Stabbing Machine.....	1	1	0	2 " Demy 4-to " 8d.....	1	4	
3 Sewing Presses, 33-in. long, at 10/-.....	1	10	0	1 " Demy folio " 1/3.....	1	3	
2 doz. Press Keys, 3/-.....	6	0		3 " 12-mo Cutting Boards, 3d.....		9	
2 Polishing Irons, 5/- .....	10	0		3 " Demy 8-vo " 4d.....	1	0	
3 pairs Trindles, 2/-.....	6	0		3 " Royal 8-vo " 5d.....	1	3	
1 Flat Agate Burnisher .....	6	0		2 " Demy 4-to " 6d.....	1	0	
1 Tooth Agate " .....	4	6		1 " Demy folio " 10d.....		10	
1 Bloodstone " .....	16	0		1 Fillet, single line .....	5	0	
1 Paper Knife .....	3	6		1 " two lines .....	5	6	
1 Gold Knife .....	2	0		1 " two lines, thick and thin.....	6	0	
1 Gold Cushion.....	3	0		1 " three lines .....	6	6	
1 Gilder's Tip.....	6			1 " guinea edge .....	8	0	
1 Paring Knife .....	8			1 " dotted .....	8	0	
1 Cutting-out Knife.....	8			1 set Pallets, single line .....	7	0	
1 Trimming Knife .....	2	0		1 " two lines.....	9	0	
1 pair Hand Shears .....	3	0		1 " two lines, thick and thin ...	9	0	
1 " Band Nippers .....	3	6		1 " three lines .....	10	6	
2 Glue Pots, 3/-.....	6	0		1 " curved.....	7	6	
2 Glue Brushes, 1/- .....	2	0		1 " half-circle .....	10	6	
2 Paste Tubs, 3/- .....	6	0		1 Cat's Tooth Roll, No. 38 .....	13	0	
2 Paste Brushes, 2/6 .....	5	0		1 Edge Roll, No. 2 .....	14	0	
1 Sprinkling Brush .....	2	6		1 Rough Calf Roll, No. 7 .....	1	2	0
2 Knocking-down Irons, 4/6.....	9	0		1 set Handle Letters, No. 1 .....	9	0	
2 Beating Hammers, 5/-.....	10	0		1 " " " 3 .....	9	0	
3 Backing Hammers, 3/-.....	9	0		1 " " " 4 .....	9	0	
6 Creasers, assorted, 2 6.....	15	0		1 " " " 5 .....	11	0	
1 pair Compasses .....	4	0		1 " " " 7 .....	14	0	
1 Square .....	2	6		1 " " " 9 .....	18	0	
1 Bookbinders' Rule .....	4	0		1 " Brass Type, No. 1 .....	12	0	
6 Bodkins and Handles, 6d. ....	3	0		1 " " " 3 .....	12	0	
6 Folders, 4d. ....	2	0		1 " " " 4 .....	14	0	
6 lb. Thread No. 16 two-cord, 3/-.....	18	0		1 " " " 5 .....	18	0	
3 pieces Silk Headbands, assorted .....	10	6		1 " " " 7 .....	1	1	0
1 cwt. Scotch Glue, best.....	4	10	0	1 " " " 9 .....	1	12	0
				1 Brass Type Holder .....	7	6	

£109 14 5

## BENCH LABEL-CUTTING MACHINE.



PLATEN 11½ INCHES BY 9 INCHES.

	£	s.	d.
For hand power (as above illustration) ..	10	0	0
„ steam „ ... ..	12	10	0
„ treadle „ on wooden bench ..	12	10	0

This Machine is adapted for expeditiously cutting out Labels, and can easily be worked by a girl or lad. It is the only Machine in the market of so moderate a price, and of so simple and strong construction. It occupies small space, and is thoroughly efficient for the purpose intended. The rise and fall of the upper platen is obtained by eccentrics on the shaft at top of the Machine. The amount of pressure can be regulated either by adjusting the nuts of crankshafts, or by placing millboard under the lead plate.

Lead and composition metal plates extra 4d. and 7d. per lb.

For larger Machines, see pages 81 and 82.

## WOOD LETTER.

LIST A.	LIST B.	LIST C.
Roman Elongated. " Condensed " No. 1. Antique Elongated. " Condensed. " No. 1. Sanserif Elongated. " Condensed	Thin Face Sanserif. " Elongated Sanserif. Sanserifs, Nos. 1 and 2. Thin Face Roman. " " Condensed. Roman Expanded. Clarendon. " Condensed. " Elongated. Antique Expanded, No. 1. " " No. 2. French Antique, No. 1. " " No. 2. Pointed Antique.	Latin, Nos. 1, 2, 3, 4, & 5. " Expanded. Runic Extended, No. 2. Old Style Roman. " Condensed, Nos. 1 and 2. French Antique Curved. Tuscan, Nos. 1, 2, and 3. Ornamented, No. 1. French Ornamented, Nos. 1 and 2. French Tuscan. Latin Italic. Old Style Italic. Grotesque Italic. French Italic. Roman Italic.
Per Doz. s. d.	Per Doz. s. d.	Per Doz. s. d.
8 Line 1 9	2 3	2 6
10 " 2 0	2 6	2 9
12 " 2 0	2 9	3 0
14 " 2 6	3 0	3 3
16 " 2 6	3 3	3 6
18 " 3 0	3 6	3 9
20 " 3 0	4 0	4 3
22 " 3 6	4 3	4 6
24 " 3 6	4 6	4 9
26 " 4 0	4 9	5 0
28 " 4 0	5 0	5 6
30 " 4 6	5 3	5 9
32 " 5 0	5 6	6 0
34 " 5 0	6 0	6 6
36 " 5 6	6 6	7 0
38 " 6 0	7 0	7 6
40 " 6 0	7 6	8 0
45 " 6 6	8 3	8 9
50 " 7 0	8 9	9 3
55 " 8 0	9 3	10 0
60 " 9 0	9 9	10 9
65 " 10 0	10 9	11 6
70 " 11 0	11 9	12 6
75 " 12 0	12 9	13 6
80 " 13 0	13 9	14 6
85 " 14 0	14 9	15 6
90 " 15 0	15 9	16 6
95 " 16 6	17 3	18 3
100 " 18 0	18 9	20 0

Founts are usually supplied in the following proportions:—Caps. 5½, 8, and 11 dozen.—Caps and Lower Case, 11, 13½, and 16 dozen.—Figures 2 dozen.

For Prices of Two-Colour Wood Letter, Borders, Corners, and Indices, see *specimen pages annexed*.

The above prices are for complete founts, and words or sorts are supplied at one half more than the list price.

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Five, Four Lines and Canon .....	0 8	0 11	1 0	1 0	1 6	2 0	3 6
Two Lines Double Pica .....	0 8	1 0	1 1	1 1	1 6	2 0	3 0
Two Lines Great Primer .....	0 8	1 0	1 1	1 1	1 9	2 0	3 0
Two Lines English .....	0 8	1 0	1 1	1 1	1 9	2 0	3 0
Two Lines Pica .....	0 8	1 0	1 1	1 1	1 9	2 0	4 0
Double Pica, or Small Pica 2-li. ....	0 8	1 0	1 2	1 2	2 0	3 0	4 6
Long Primer Two Lines .....	0 8	—	1 2	—	2 0	3 0	—
Great Primer, or Bourgeois 2-li. ....	0 8	1 0	1 2	1 2	2 0	3 0	4 6
Brevier Two Lines .....	0 8	—	1 2	—	2 3	3 4	—
Minion Two Lines .....	0 8	—	1 2	—	2 6	3 9	—
English, or Emerald Two Lines .....	0 8	1 0	1 2	1 4	2 6	3 9	4 6
Pica, or Nonpareil Two Lines .....	0 8	1 1	1 3	1 6	3 0	4 6	5 0
Ruby-Nonpareil Two Lines .....	0 8	—	1 4	—	3 0	4 9	—
Small Pica, or Ruby Two Lines .....	0 8	1 2	1 4	1 8	3 0	4 9	5 6
Long Primer, or Pearl 2-lines .....	0 9	1 3	1 6	1 10	3 6	5 3	6 0
Bourgeois, or Diamond 2-lines .....	0 10	1 5	1 8	2 0	3 9	6 0	—
Brevier .....	1 0	1 6	1 9	2 2	4 0	6 6	6 6
Minion .....	1 2	1 7	1 10	2 4	4 6	6 6	—
Emerald .....	1 3	2 0	2 2	3 0	5 0	7 6	—
Nonpareil .....	1 4	2 4	2 7	3 3	5 6	8 0	—
Ruby-Nonpareil .....	1 6	2 6	2 9	4 0	6 0	8 6	—
Ruby .....	1 8	2 8	3 0	4 6	6 3	9 0	—
Pearl .....	2 0	3 6	4 0	5 0	7 0	9 6	—
Diamond .....	3 0	6 0	7 0	8 0	8 0	10 0	—

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THE Emperor CHARLES THE FIFTH was certainly the first monarch of his time in *rank and*

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THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and whether we consider the greatness or variety of his *undertakings*

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LONG PRIMER NO. 2— $1\frac{1}{6}$  p. lb., OR  $1\frac{1}{3}$  p. lb. BY THE 120 lb. FOUNT.

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THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and when we consider the greatness or variety of his *undertakings*, it must be acknowledged that the part which he acted

BREVIER NO. 1— $1\frac{1}{9}$  p. lb., OR  $1\frac{1}{6}$  p. lb. BY THE 120 lb. FOUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and when we consider the greatness or the variety of his undertakings, it must be acknowledged that the part which he acted *was most conspicuous*



PICA NO. 6.

1/3 p. lb.; or 1/1 p. lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work which, in his opinion, is better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, whether youth or adult, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give us sufficient examples in Addition, Subtraction, Multiplication, and Division; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages. To obviate these imperfections, the Author sends the Work to press that now presents itself to your notice. The pleasing reflection that the name of Fryer, coupled with that of Dr. Willcocks, is known to the Principals, besides their "UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," as being sanctioned by many thousands of mercantile and professional gentlemen, gives great satisfaction to the Author who confidently presents *Quousque tandem abutere, Catilina, patientia nostra? qua diu*

ENGLISH NO. 3.

1/2 p. lb.; or 1/0 p. lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate inconvenience by introducing a work, in his opinion, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, whether youth or adult, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage. To obviate these imperfections is the Author's object in sending the Work to press that now presents itself to your notice. The pleasing reflection that the name of Fryer, coupled with that of Dr. Willcocks, is known to the Principals, besides their "UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," which is sanctioned by thousands *Quousque tandem abutere, Catilina, patientia nostra?*

SMALL PICA NO. 5.

1/4 p. lb.; OR 1/2 p. lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples in Addition, Subtraction, Multiplication, and Division; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages. The pleasing reflection, that the name of Fryer, coupled with that of Dr. Willcolkes, is known to the Principals of, besides their work, "WILLCOLKES AND FRYERS' UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," being sactioned by many thousands *Quousque tandem abutere, Catalina, patientia nostra? quamdiu nos*

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PICA NO. 5.

1/3 p. lb.; OR 1/1 p. lb. BY THE 120 lb. FOUNT.

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## BOURGEOIS NO. 4.

1/8 p. lb.; OR 1/5 p. lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work, in his opinion, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, whether youth or adult, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples in Addition, Subtraction, Multiplication, and Division; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages; whilst others pride themselves, it would appear (to show their learning, it is supposed) by using a variety of technical terms, the meaning of which, the entire of children, and generality of adults are totally ignorant. The pleasing reflection, that the name of Fryer, coupled with that of Dr. Willcolkes, is known to the Principals of, besides their work, "WILLCOLKES AND FRYER'S UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," being sanctioned by so many thousands of mercantile and professional gentlemen, gives no *Quousque tandem abutere, Catilina, patientia nostra? quamdiu nos etiam furor*

## LONG PRIMER NO. 4.

1/8 p. lb.; OR 1/3 p. lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work, in his opinion, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples in Addition, Subtraction, Multiplication, and Division; others enter too abruptly into science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages; whilst others pride themselves, it would appear (to show their learning, it is supposed), by using a variety of technical terms, the meaning of which, the entire of children, and generality of adults, are totally ignorant. The pleasing reflection that "WILLCOLKES AND FRYER'S UNITED SYSTEM OF ARITHMETICAL MENTAL CALCULATIONS" is sanctioned by thousands of mercantile and professional gentlemen *Quousque tandem abutere, Catilina, patientia nostra? quamdiu nos etiam*

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## BREVIER NO. 3.

1/9 p. lb.; OR 1/6 p. lb. BY THE 120 lb. FOUNT.

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## BREVIER NO. 6.

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## NONPAREIL.

2/7  $\frac{3}{4}$  lb. ; or 2/4  $\frac{3}{4}$  lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work, in his opinion, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, whether youth or adult, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples in Addition, Subtraction, Multiplication, and Division; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages: whilst others pride themselves, it would appear (to show their learning, it is supposed) by using a variety of technical terms, the meaning of which, the entire of children, and generality of adults, are totally ignorant. To obviate these imperfections, and to furnish a system that will afford ease and information to the pupil, and a proportionate degree of satisfaction to the teacher, whilst it will enable those who have not time or inclination to employ an oral instructor, to instruct themselves, is the Author's object in sending the Work to press that now presents itself to your notice. The pleasing reflection, that the name of Fryer, coupled with that of Dr. Willcolkes, is known to the Principals of, besides their work, "WILLCOCKES AND FRYER'S UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," being sanctioned by so many thousands of mercantile and professional gentlemen, gives no small degree of satisfaction to the Author, who confidently presents this, his well-meant intention, to *Quousque tandem abutere, Catilina, patientia nostra? quamdiu nos etiam furor iste tuus eludet? quem*

## MINION NO. 3.

1/10  $\frac{3}{4}$  lb. ; or 1/7  $\frac{3}{4}$  lb. BY THE 120 lb. FOUNT.

Induced to endeavour to obviate the inconvenience by introducing a work, in his opinion, better suited for teaching the first principles of the science, and impressing them effectually on the pupil's mind, whether youth or adult, than any book that has yet come under his observation. Many of the ordinary Arithmetics are not sufficiently explicit; some do not give sufficient examples in Addition, Subtraction, Multiplication and Division; others enter too abruptly into the science, and propose questions too difficult for the young tyro to manage, whereas they should proceed by the easiest possible stages; whilst others pride themselves, it would appear (to show their learning, it is supposed) by using a variety of technical terms, the meaning of which, the entire of children, and generality of adults, are totally ignorant. To obviate these imperfections, and to furnish a system that will afford ease and information to the pupil, and a proportionate degree of satisfaction to the teacher, whilst it will enable those who have not time or inclination to employ an oral instructor, to instruct themselves, is the Author's object in sending the Work to press that now presents itself to your notice. The pleasing reflection, that the name of Fryer, coupled with that of Dr. Willcolkes, is known to the Principals of, besides their work, "WILLCOCKES AND FRYER'S UNITED SYSTEM OF ARITHMETICAL AND MENTAL CALCULATIONS," being sanctioned by so many thousands of mercantile and professional gentlemen, gives no small degree of satisfaction to the Author, who presents *Quousque tandem abutere, Catilina, patientia nostra? quamdiu nos etiam furor iste tuus*

## MINION NO. 4.

1/10  $\frac{3}{4}$  lb. ; or 1/7  $\frac{3}{4}$  lb. BY THE 120 lb. FOUNT.

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## NEWSPAPER FOUNTS

BOURGEOIS NO. 4.

EVEN SO solemn an occasion as the funeral of M. THIERS is not, it would appear, to pass over without a display of that partisanship which is the bane of French political life. The death of the aged statesman has profoundly moved, not only his own country, but also all Europe. Tributes of homage have been lavished on his memory, and from Courts and Cabinets, from the camp, the mart and the cottage condolences have poured in to soothe the regrets of all his sorrowing relatives. Above all, his political opponents at home have, with one or two discreditable exceptions, vied with each other in rendering honour to one whom, now that the heats of party antagonism might be supposed to have cooled down in presence of an open grave, nearly all will admit has been the foremost of his countrymen. Marshal MACMAHON, with a tact and good taste which did him great credit, and with a promptitude which enhanced the significance of the tribute, proffered the distinction of a State funeral, as symbolising the regrets of the nation, and "the honours which a great country owes to those whom it has judged worthy to command it;" and it had been decided that the obsequies should be performed at the Invalides with fitting pomp and solemnity. Frenchmen generally, and, to all

BOURGEOIS 1/5 8 D.;

BLVDIER NO. 4.

ARRANGEMENTS made for the funeral of M. Thiers have been at the last moment upset. In order to understand the rights of the case, it is necessary to explain the negotiations which have taken place between the high contracting parties. No sooner had the Marshal heard of the great citizen's death, than he sent an aide-de-camp to Madame Thiers, to convey to her the verbal expression of his grief and of his conviction that the honours of a public funeral on the grandest possible scale ought to be paid to the statesman who had rendered such signal services to France. The Marshal was desirous that all differences of policy should be forgotten at such a moment, and that the Government should have the co-operation of all parties in doing honour to the memory of his illustrious predecessor in office. The result of this interview was the publication in the *Journal Officiel* of the dignified letter of the Minister of the Interior, and of the decree that a public funeral should, in accordance with precedent, be awarded to the remains of the ex-President. To this intent the Marshal was most anxious that the ceremony should take place in the Church of the Invalides, the compliment being the more marked inasmuch as no civilian has ever yet had such an honour paid to his mortal remains. It is scarcely necessary to remind the English reader that funeral services in the Invalides are solemn and imposing in the highest degree. The matter was thought to

MINION NO. 3.

Mr. COURTNEY called attention to the annexation of the South African Republic, but was precluded by the forms of the House from moving a resolution of which he had given notice, declaring that the annexation was unjustifiable and calculated to injure the interests of the United Kingdom and its Colonies in South Africa. The hon. member pointed out that, although the ostensible cause of the separation of the Boers from Cape Colony 20 years ago was our abolition of slavery, the real reason was to be found in their dislike of foreign control. The main agent in the recent annexation was Sir Theophilus Shepstone, who was imbued with peculiar and fixed ideas as to the management of affairs in South Africa; but it was imperative that Parliament should approach the subject in a judicial spirit, and determine on its own responsibility whether Government

MONFARIEL NO. 3.

**MANSION HOUSE INDIAN FAMINE RELIEF FUND.** The Lord Mayor, at the urgent requests of the Governor of Madras and others in authority in the Presidency, has opened a fund at the Mansion House in aid of the sufferers by the dire and dreadful famine now raging in Southern India. An immense population is endangered by this appalling visitation, and the efforts of the Indian Government to mitigate the disaster need to be largely supplemented by private munificence. Donations may be paid in daily at the Secretary's office, Mansion House, or at the various Banks.

**PORTMANTEAUS DIRECT from the MAKER.** Ladies and gentlemen wishing to economise in their purchases should consult WILLIAMSON'S Illustrated Price List of Dress Trunks, Baskets, and every article suitable for travelling. Several Second-hand Portmantiaus and Trunks for Sale, bargains. W. WILLIAMSON, London, Birmingham, and Dublin.

BY THE 120 D. FOUNT.

# NEWSPAPER FOUNTS.

LONG PRIMER OLD STYLE.

ALL Englishmen are aware that no nation upon earth has a prouder gift at its disposal than the office once filled by GEORGE WASHINGTON, and to that post Mr. HAYES has just been appointed as fifteenth President of the United States. His fourteen predecessors have seen the Transatlantic Republic grow from a tiny acorn into a mighty and overshadowing king of the forest; and if, during the second century of their existence, the United States should be destined to maintain the same rate of progress which has distinguished their first hundred years, the mind of man is unequal to the effort of estimating the statistics and figures which will be marshalled at Philadelphia upon the 4th of July, 1976. It is a proverbial saying among jesting American politicians that the Presidential election never comes round without "involving the most momentous crisis that the world ever saw," and, making every allowance for the habitual exaggeration and love of superlatives in which our mercurial kinsmen take

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LONG PRIMER 1/3 P. B.; BREVIER 1/6 P. B.; MINION 1/7 P. B.; NONPAREIL 2/4 P. B.; BY THE 120 LB. FOUNT.

MINION NO. 1.

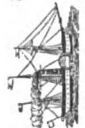
THEATRE ROYAL, DRURY LANE.—On Friday next will be produced, for the first time, ROBINSON CRUSOE. Characters by Messrs. Fernandez, Jones, Robertson, Brown, Sullivan, Fechter, and Thomas; Misses Ellen Taylor, Lydia Thompson, Clara Fitzwilliam, and E. Terry. Concluding with PERIL by Mr. WALTER DOUGLASS.

NONPAREIL NO. 1.

NEW YORK, BOSTON, PHILADELPHIA, &c., by the magnificent steam and sailing vessels of Inman, Cunard, Guion, Allan's, and other first-class lines, twice a week.—Fares by the Steamers—12 and 15 guineas in saloon, and 6 guineas steerage. Sailing vessels to New York at low fares, including an abundant supply of cooked provisions. For circulars and further particulars apply to JONES and WALKER, 602, Leadenhall-street.



STEAM TO MELBOURNE.—BLACKWALL LINE.—Messrs. GOSNELL & Co.'s magnificent steamship, THE IRON DUKE, 2,386 tons register, 400-horse power, commanded by Captain E. FITZGERALD. This vessel is fitted up with elegant state-rooms, a magnificent and well-ventilated dining saloon, and offers a most desirable opportunity to all classes of passengers and to shippers of goods.—Apply to FISHER BROTHERS, 96, Dundee-Street, London, E.C.



NONPAREIL NO. 4.

WHITE STAR LINE.—LIVERPOOL to NEW YORK. The well-known fast mail steamer connected with this company are appointed to sail from LIVERPOOL every THURSDAY, calling at QUEENSTOWN the following day. SALOON PASSENGERS 15, 18, and 21 guineas, according to accommodation in State rooms. Apply to ISMAY, IMRIE & CO.

TWO-LINE ENGLISH OLD STYLE, 1/1 p. b.; 120 b. AND UPWARDS, 1/- p. b.

ALL Englishmen know  
that no nation upon earth  
has a prouder gift at its  
disposal than the position  
once filled by WASHINGTON  
—that of President of the  
UNITED STATES  
*Election of a new President*

GREAT PRIMER OLD STYLE, 1/1 p. b.; 120 b. AND UPWARDS, 1/- p. b.

ALL Englishmen are aware that no nation upon earth has a prouder gift at its disposal than the office once occupied by GEORGE WASHINGTON, and to that post Mr. HAYES has just been appointed as fifteenth President of the United States. His fourteen predecessors have seen the Republic grow from a tiny acorn into a mighty and overshadowing king of the forest; and if

INSURANCE COMPANY

*Election of President of the United States*



PICA OLD STYLE, 1/3 p. lb.; 120 lb. AND UPWARDS, 1/1 p. lb.

ALL Englishmen are aware that no nation upon earth has a prouder gift at its disposal than the office once filled by GEORGE WASHINGTON, and to that post Mr. HAYES has just been appointed as fifteenth President of the United States. His fourteen predecessors have seen the Transatlantic Republic grow from a tiny acorn into a mighty and overshadowing king of the forest; and if, during the second century of their existence, the United States should be destined to maintain the same rate of progress which has distinguished their first hundred years, the mind of man is

## JESTING AMERICAN POLITICIANS

*Unequal to the effort of estimating the statistics & figures*

LONG PRIMER OLD STYLE, 1/6 p. lb.; 120 lb. AND UPWARDS, 1/3 p. lb.

ALL Englishmen are aware that no nation upon earth has a prouder gift at its disposal than the office once filled by GEORGE WASHINGTON, and to that post Mr. HAYES has just been appointed as fifteenth President of the United States. His fourteen predecessors have seen the Transatlantic Republic grow from a tiny acorn into a mighty and overshadowing king of the forest; and if, during the second century of their existence, the United States should be destined to maintain the same rate of progress which has distinguished their first hundred years, the mind of man is unequal to the effort of estimating the statistics and figures which will be marshalled at Philadelphia upon the 4th of July, 1976. It is a proverbial

## SAYING BY JESTING AMERICAN POLITICIANS

*That the Presidential Election never comes round without involving a crisis*

BREVIER OLD STYLE, 1/9 p. lb.; 120 lb. AND UPWARDS, 1/6 p. lb.

ALL Englishmen are aware that no nation upon earth has a prouder gift at its disposal than the office once filled by GEORGE WASHINGTON, and to that post Mr. HAYES has just been appointed as fifteenth President of the United States. His fourteen predecessors have seen the Transatlantic Republic grow from a tiny acorn into a mighty and overshadowing king of the forest; and if, during the second century of their existence, the United States should be destined to maintain the same rate of progress which has distinguished their first hundred years, the mind of man is unequal to the effort of estimating the statistics and figures which will be marshalled at Philadelphia upon the 4th of July, 1976. It is a proverbial saying among jesting American politicians that the Presidential election never comes round without "involving the most momentous crisis that the world ever saw;" and, making every allowance for the habitual exaggeration and love of superlatives in which our mercurial kinsmen take delight, we

*Result of the Presidential Election in America—Important Telegram*

ADMIRABLE LECTURES DELIVERED AT OXFORD BY DR. ARNOLD

BREVIER NO. 2— $1/9$  p. lb., OR  $1/6$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and whether we consider the greatness or the variety of his undertakings, it must be acknowledged that the part which he acted was the most

MINION— $1/10$  p. lb., OR  $1/7$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and when we consider the greatness or the variety of his undertakings, it must be acknowledged that the part which he acted was *the most conspicuous* and straightforward

NONPAREIL NO. 1— $2/7$  p. lb., OR  $2/4$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and whether we consider the greatness or the variety of his undertakings, it must be acknowledged, even by his enemies, that the part which he acted was the *most conspicuous however*

NONPAREIL NO. 2— $2/7$  p. lb., OR  $2/4$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in rank and dignity, and when we consider the greatness or the variety of his undertakings, it must be acknowledged, even by his enemies, that the part which he acted was the *most conspicuous however*

TWO-LINE ENGLISH OLD STYLE— $1/2$  p. lb., OR  $1/0$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES  
THE FIFTH was the first  
monarch of the age in *rank*

GREAT PRIMER OLD STYLE— $1/2$  p. lb., OR  $1/0$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES WILLIAM  
was certainly the first monarch of the age in  
rank and dignity, and whether we *consider*

PICA OLD STYLE— $1/3$  p. lb., OR  $1/1$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the  
first monarch of the age in rank and dignity, and whether  
we consider the greatness or the variety of his *measures*

LONG PRIMER OLD STYLE— $1/6$  p. lb., OR  $1/3$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch  
of the age in rank and dignity, and whether we consider the greatness or  
the variety of his undertakings, it must be *acknowledged* that the part

BREVIER OLD STYLE— $1/9$  p. lb., OR  $1/6$  p. lb. BY THE 120 lb. POUNT.

THE Emperor CHARLES THE FIFTH was certainly the first monarch of the age in  
rank and dignity, and when we consider the greatness or the variety of his undertakings  
it must be acknowledged that the part which he acted was *the most conspicuous however*

SIX-LINE ELONGATED ANTIQUE—9d. 7/10.

**HANDSOME**  
**Dritains**

SIX-LINE CONDENSED ROMAN—1/2 7/10.

**OSBORNE**

SIX-LINE ELONGATED ANTIQUE—9d. 7/10.

**Last Muster**

FIVE-LINE EGYPTIAN—1/0 7/10.

**Merchant**

CANON CONDENSED CLARENDON—1/0 7/10.

**HUNGARIANS.**  
**Homesteads**

TWO-LINE DOUBLE PICA CONDENSED CLARIFON—1/1 p. b.

# NORTH LONDON

## Great Britain

TWO-LINE GREAT PRIMER SKELETON ANTIQUE, NO. 1—1/1 p. b.

# CREMORNE GARDENERS

## Race in the Thames

TWO-LINE GREAT PRIMER SKELETON ANTIQUE, NO. 2—1/1 p. b.

# BRITISH INSTITUTE

## Water Color Painters

TWO-LINE ENGLISH SKELETON ANTIQUE—1/1 p. b.

# BIRMINGHAM, SHEFFIELD

## Clerks and Warehousemen

GREAT PRIMER SKELETON ANTIQUE—1/2 p. b.

# MERCANTILE INSURANCE COMPANY'S

## Almanac for the year is now published

PICA SKELETON ANTIQUE—1/6 p. b.

# COMMUNICATION BETWEEN ENGLAND AND CHINA

## By weekly mails throughout the year

LONG PRIMER SKELETON ANTIQUE—1/10 p. b.

# REMARKABLE ASTRONOMICAL DISCOVERY BY SIR I. NEWTON

## Manufacturers of Surface Coloured Papers

BREVIER SKELETON ANTIQUE—2/2 p. b.

# RECOLLECTIONS AND ANECDOTES OF EMINENT HISTORIANS & ORATORS

## Published in the early part of the Eighteenth Century

TWO-LINE GREAT PRIMER EXTENDED CLARENDON—1/1 p. m.

# DERBY BRIGHT Commanders

TWO-LINE ENGLISH EXTENDED CLARENDON—1/1 p. m.

# SIEGE OF OXFORD The Roundheads

DOUBLE PICA EXTENDED CLARENDON—1/2 p. m.

# SPLENDID WATER FALLS Northampton Bridge

GREAT PRIMER EXTENDED CLARENDON—1/2 p. m.

# LONDON CHATHAM & DOVER Meeting of Shareholders

PICA EXTENDED CLARENDON—1/6 p. m.

# GROCERS AND PROVISION MERCHANTS Ministerial Banquet at Greenwich

LONG PRIMER EXTENDED CLARENDON—1/10 p. m.

# BONDHOLDERS OF ALL EUROPEAN GOVERNMENTS Branch Establishments throughout England

BREVIER EXTENDED CLARENDON—2/2 p. m.

# LARGE STOCK OF ELECTROTYPE ORNAMENTS FOR GROCERS Loss of the Storm King in the Bay of Biscay

NONPAREIL EXTENDED CLARENDON—3/3 p. m.

# MANY VERY IMPORTANT DISCOVERIES HAVE BEEN MADE BY ACCIDENT Tiger Hunting in India is exceedingly dangerous sport

LONG PRIMER CONDENSED CLARENDON—1/10 p. m.

# CRYSTAL PALACE FLOWER SHOW, SYDENHAM First English Daily Paper published, 1702

BREVIER CONDENSED CLARENDON—2/2 p. m.

# MEETING OF TURKISH BONDHOLDERS AT COLNEY HATCHEM Interesting Arguments of the Committee, 1876.

TWO-LINE ENGLISH FRENCH ANTIQUE—1/1 3/4 D.

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## Midnight Watch

DOUBLE PICA FRENCH ANTIQUE—1/2 3/4 D.

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## Royal Horticultural Gardens

GREAT PRIMER FRENCH ANTIQUE—1/2 3/4 D.

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## Mutual Insurance Company

PICA FRENCH ANTIQUE—1/8 3/4 D.

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LONG PRIMER FRENCH ANTIQUE—1/10 3/4 D.

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# THE BENEVOLENT SOCIETY

TWO-LINE GREAT PRIMER ITALIC SANSERIF—1/9 3/4 D.

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## Morning Promenade

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# NORTH WESTERN PROVINCES

## Cultivation of the Tea Plant

GREAT PRIMER ITALIC SANSERIF—2/0 3/4 D.

# MANCHESTER AND BIRMINGHAM BANK

## Industrial Exhibition at Islington

CANON EGYPTIAN—1/0 ʒ B.

# BIRMINGHAM Moonlight

TWO-LINE GREAT PRIMER EGYPTIAN—1/1 ʒ B.

## SOUTH POLE Correspond

TWO-LINE ENGLISH EGYPTIAN—1/1 ʒ B.

## GREAT EASTERN Largest Steamship

DOUBLE PICA EGYPTIAN—1/2 ʒ B.

## MODERN MACHINERY Grand Exhibition

GREAT PRIMER EGYPTIAN—1/2 ʒ B.

## SUN INSURANCE COMPANY Accumulated Capital £1234

PICA EGYPTIAN—1/6 ʒ B.

## HANDSOME HOUSEHOLD FURNITURE Manufactured by best workmen

LONG PRIMER EGYPTIAN—1/10 ʒ B.

## GREAT REFORM DEMONSTRATION AT LEEDS Terrible Waterspout in California

BREVIER EGYPTIAN—2/3 ʒ B.

## YOUNG MEN'S MUTUAL IMPROVEMENT ASSOCIATION Dissolution of Parliament on Thursday next

NONPAREIL EGYPTIAN—3/3 ʒ B.

## MURDER OF GENERAL CUSTER BY NORTH AMERICAN INDIANS Declaration of Independence by the United States

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FIVE-LINE SANSERIP—1/6 p lb.

**HAMBURGS**

FIVE-LINE OCTAGON SANSERIP—1/6 p lb.

**MORNING CONCERT**

FOUR-LINE SANSERIP—1/6 p lb.

**AUCTIONEERS**

FOUR-LINE CONDENSED SANSERIP—1/6 p lb.

**HANDSOME HUNTER**

FOUR-LINE ANTIQUE NO. 4—1/0 p lb.

**Submission**

FOUR-LINE ANTIQUE NO. 6—1/0 p lb.

**FARMERS**



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**ROYAL MAILS**

TWO-LINE ENGLISH SANSERIF—1/9 p. m.

**PALACE GUARDS**

TWO-LINE SMALL PICA SANSERIF—2/0 p. m.

**PRINTING MACHINES**

TWO-LINE BOURGEOIS SANSERIF—2/0 p. m.

**THE CONQUERING HERO**

TWO-LINE NONPAREIL SANSERIF—3/0 p. m.

**DISCOVERY OF GOLD IN AUSTRALIA**

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Mediterranean Sea

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Visit of the Princess Royal

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Published in the Illustrated Magazine.

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Is situated nine thousand feet above the sea

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TWO-LINE NONPAREIL ITALIC SANSEERIF—3/0 p. m.

***OXFORD AND CAMBRIDGE CRICKET MATCH***

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PERFORATORS

TWO-LINE GREAT PRIMER LATIN—1/9 ॐ lb.

PUBLIC LECTURES

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EXCURSION TO CALAIS

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LIVINGSTONE'S ADVENTURE

TWO-LINE BOURGEOIS LATIN—2/0 ॐ lb.

RESTORATION OF THE BOURBONS

TWO-LINE NONPAREIL LATIN—3/0 ॐ lb.

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TWO-LINE PEARL LATIN—3/6 ॐ lb.

TURKISH ATTACK UPON THE INSURGENTS AT SAITSHAR

TWO-LINE PICA OLD STYLE ANTIQUE—1/9 ॐ lb.

THE MULETEER

TWO-LINE SMALL PICA OLD STYLE ANTIQUE—2/0 ॐ lb.

MODERN BRIGHTON

TWO-LINE BREVIER OLD STYLE ANTIQUE—2/3 ॐ lb.

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A JOURNEY TO THE HIGHLANDS

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THE MANSION HOUSE INDIAN FAMINE FUND

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MADE BY AMERICAN FIRMS

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## Whitehall Palace

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# THE NEW JERUSALEM

## William Moody, 1876

PICA WIDE ROMAN—1/6 p. b.

# MANCHESTER & LEICESTER

## Manufacturing Towns, 1876.

LONG PRIMER WIDE ROMAN—1/10 p. b.

# ILLUSTRATED LONDON NEWSPAPER

## Published in Fleet Street, 1876.

BREVIER WIDE ROMAN—2/3 p. b.

# SUMMER EXCURSIONS FROM AUSTRALIA

## By Steamships to London, 1865

NONPAREIL WIDE ROMAN—3/3 p. b.

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TWO-LINE SMALL PICA ORNAMENTED NO. 4—3/0 ½ D.

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Moonlight Trip on the Water

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BEST HARD METAL TYPE

TWO-LINE BOURGEOIS ORNAMENTED NO. 4—3/0 ½ D.

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# Dover Express.

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## Fashionable Magazines

TWO-LINE ENGLISH BLACK—3/8 p. lb.

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GREAT PRIMER BLACK—4/6 p. lb.

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PICA BLACK—5/0 p. lb.

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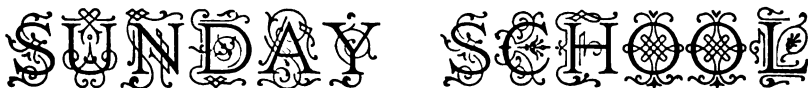
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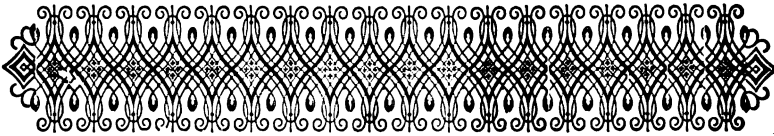
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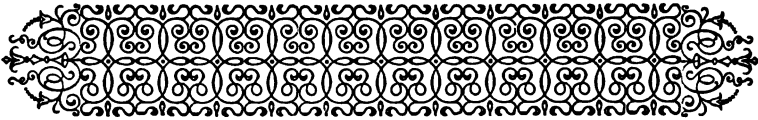
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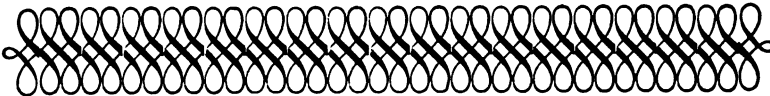
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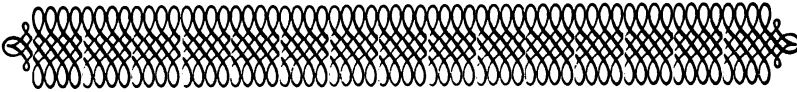
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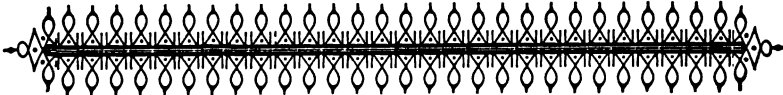
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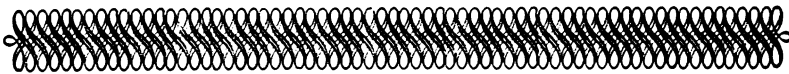
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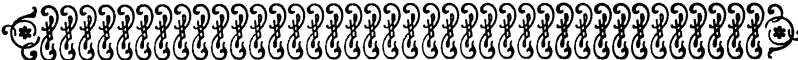
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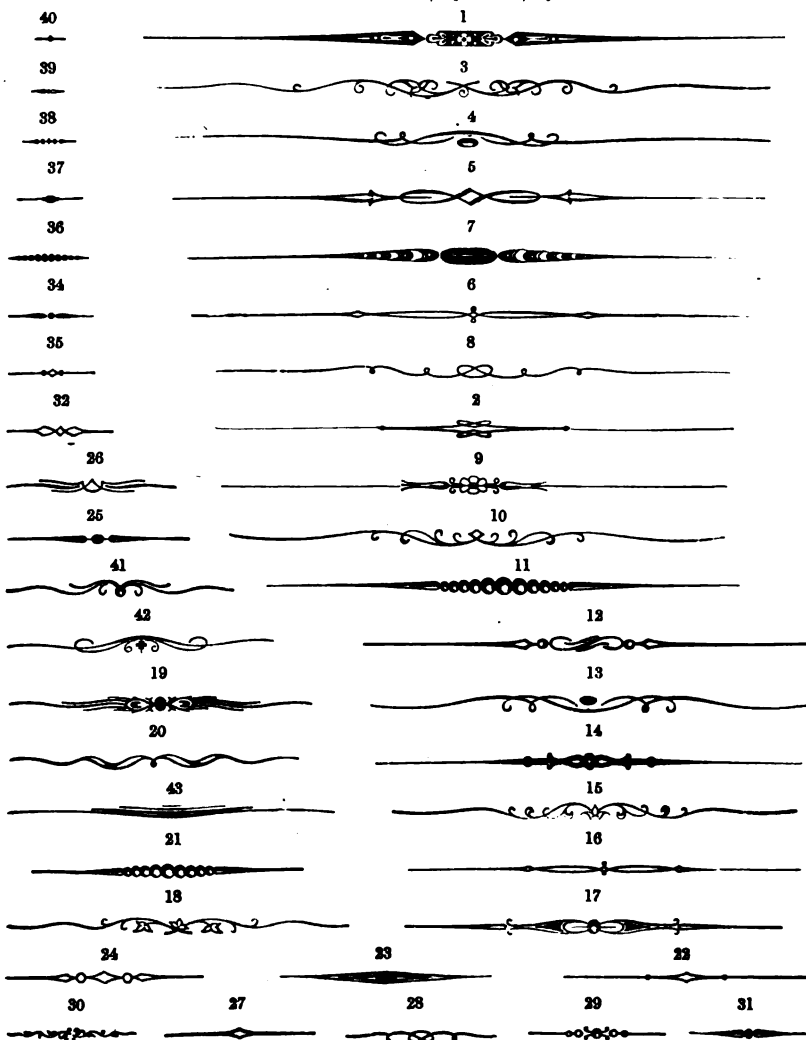
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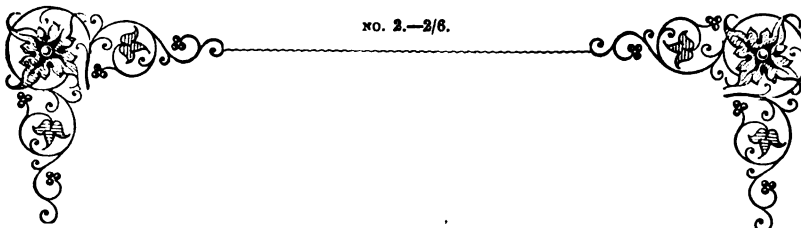
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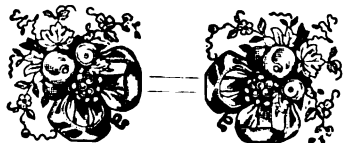
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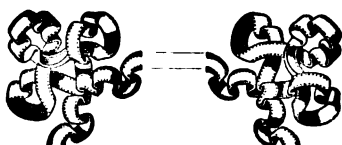
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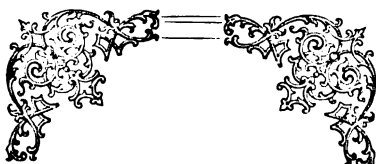
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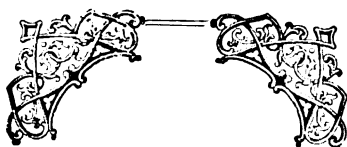
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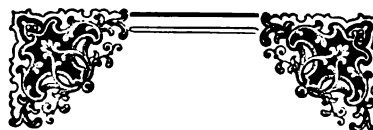
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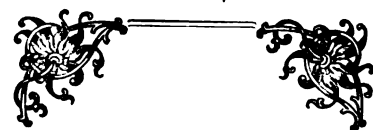
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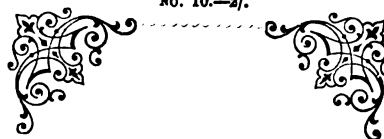
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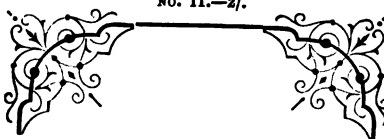
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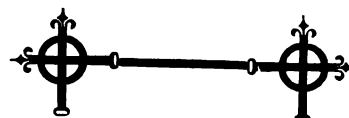
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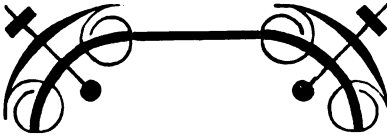
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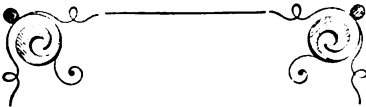
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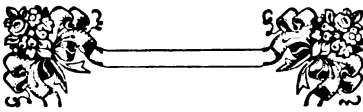
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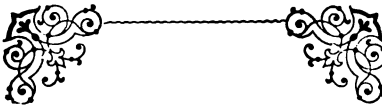
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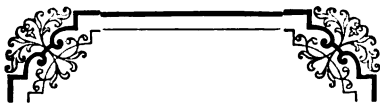
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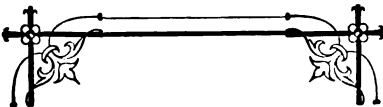
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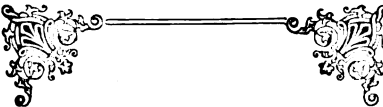
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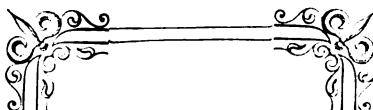
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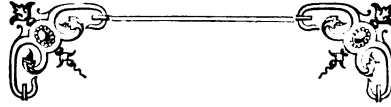
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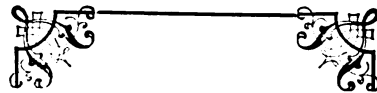
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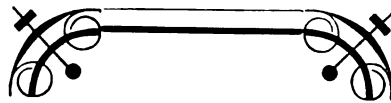
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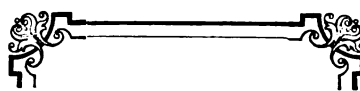
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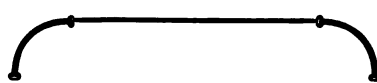
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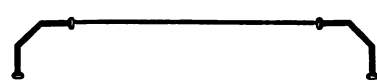
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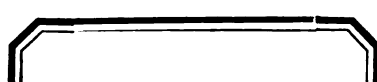
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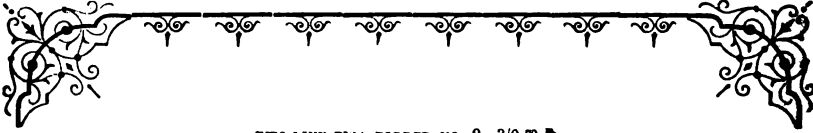
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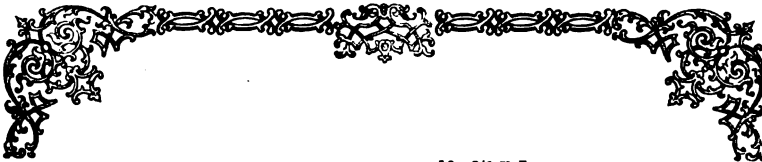
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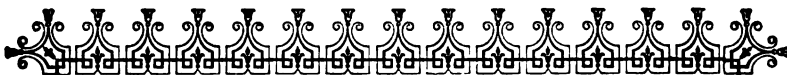
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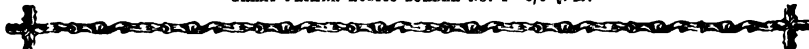
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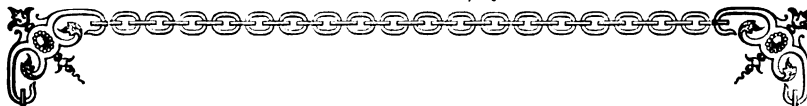
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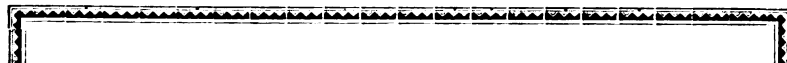
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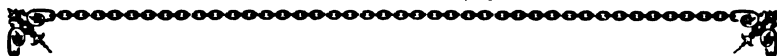
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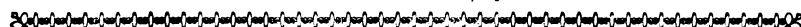
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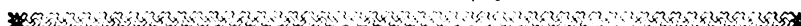
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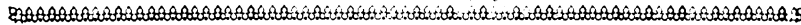
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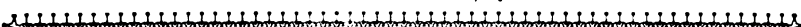
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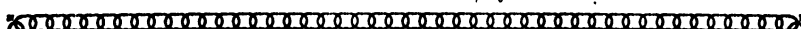
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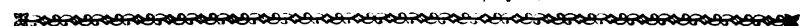
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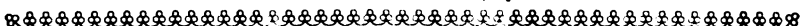
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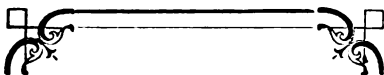
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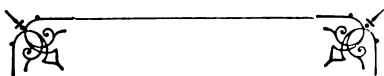
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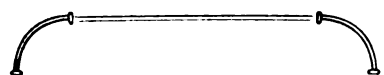
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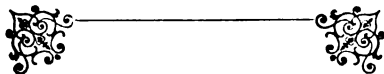
NO. 38.—1/6.



NO. 39.—1/6.



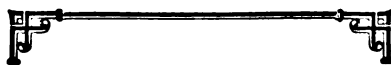
NO. 40.—1/6.



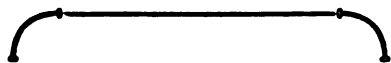
NO. 41.—1/6.



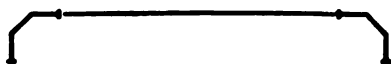
NO. 42.—1/6.



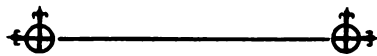
NO. 43.—1/6.



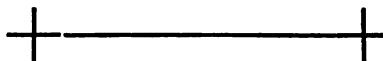
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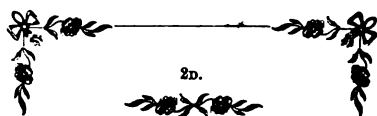
NO. 45.—1/6.



NO. 46.—1/6.



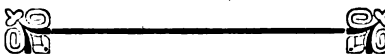
NO. 47.—1/0.



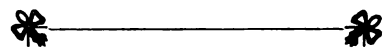
NO. 48.—1/0.



NO. 49.—1/0.



NO. 50.—4d.



NO. 51.—4d.

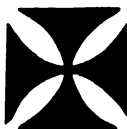


## CROSSES.—EACH.

1/0

8d.

6d.



1d.

2d.

3d.

4d.



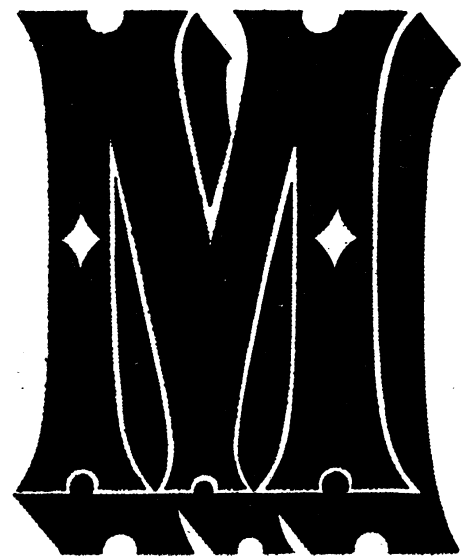
53.—1/0.



53.—1/0.







13-line Fancy, for 2 colours, 9/- per doz.



20-line Sanseriff, for 3 colours in 2 workings, 10/- per doz.



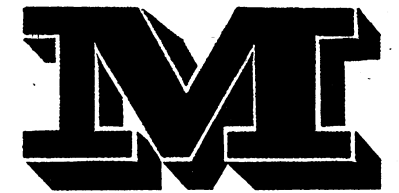
16-line Latin for 2-colours, 8/- per doz.



6-line Sanseriff, for 2 colours, 5/- per doz.



10-line Latin, for 2 colours, 5/6 per doz.



6-line Expanded Antique, for 2 colours, 5/6 per doz.

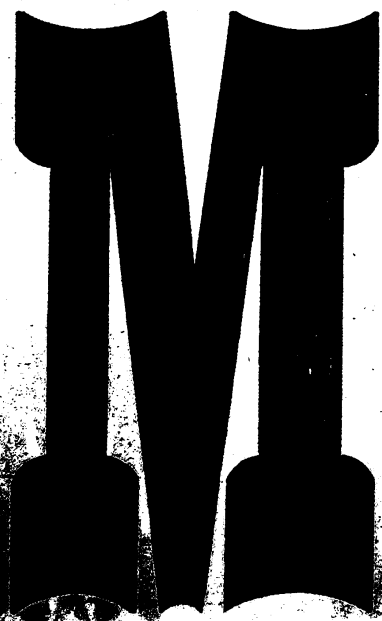


12-line French Antique, for 2 colours, 6/- per doz.

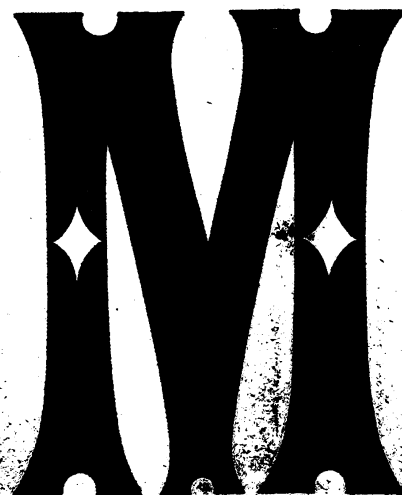
5-line Latin



12-line Media



20-line French Antique Curved. List C.



16-line Ornamented. No. 1. List C.



6-line Tuscan. No. 3. List C.



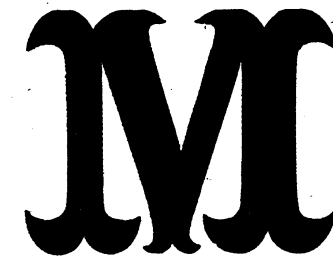
8-line Tuscan. No. 1. List C.



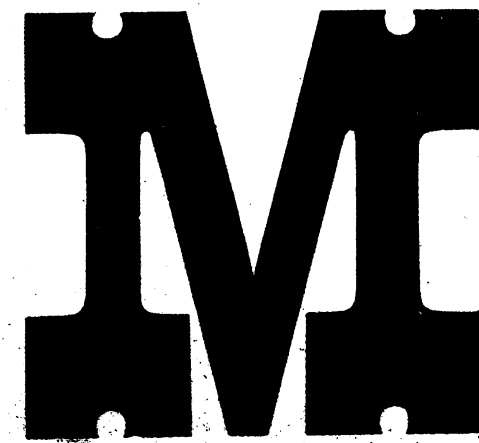
12-line French Ornamented. No. 2. List C.



10-line French Tuscan. List C.



8-line Tuscan. No. 2. List C.



14-line French Ornamented. No. 1. List C.



Corner, No. 1. Set of Four, 3/6



12-line Roman-Italic. List C.

THE ABOVE DESIGNS ARE C

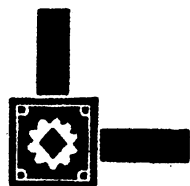
M

in, for 2 colours, 5/- per doz.

M

val, for 3 colours in 2 workings,  
6/6 per doz.

Corner, No. 2. Set of Four 3/-



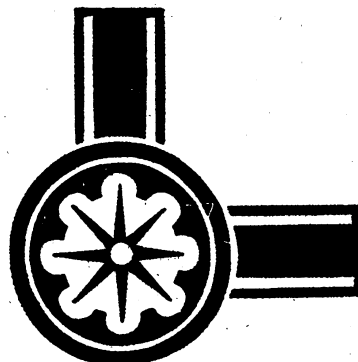
Corner, No. 3. Set of Four, 4/-



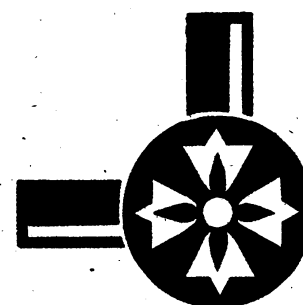
Corner, No. 4. Set of Four, 4/-



Corner, No. 5. Set of Four, 5/6



Corner, No. 6. Set of Four, 4/-



List C.

10-line French Antique Italic. List C.

Mn

8-line Old Style Italic. List C.

Mn

8-line Latin Italic. List C.

Mn

6-line Sanserif Italic.

## WOOD RULES.

B vier Treble.

Lon Primer re e.

ica reble.

rea rimer re e.

Double Pica Treble.

2-line Pica Treble.

2-line English Treble.

2-line eat Primer Treble.

3-li e Pica reble.

10 - per oz., or 4/- per yar eng .

Co er, No. 7. Set of Four, 4/-

Corner, No. 8.

INDICES

CUT TO ORDER. TO ANY SIZE REQUIRED.







M

24-line Roman Elongated. List A.

M

4-line Roman Expanded. List B.

18-line Roman Condensed. List A.

M M

8-line Thin Face Roman Condensed.  
List B.

6-line Thin Face Roman.  
List B.

M

12-line Roman No. 1. List A.

M

24-line Antique Elongated. List A.

M

18-line Antique Condensed. List A.

M

24-line Sanserif Elongated. List A.

M

20-line Sanserif Condensed. List A.

M

8-line Sanserif No. 2. List B.

10-line Sanserif No. 1. List B.

M

20-line Thin Face Sanserif. List B.

M

24-line Thin Elongated Sanserif. List B.

M

16-line Thin Face Sanserif. List B.

THE ABOVE DESIGNS ARE CUT

**M**

List A.

**M**

atin Expanded. List C.

**M**

ointed Antique. List B.

**M**

12-line Clarendon. List B.

**M**

10-line Antique No. 1. List A.

**M**

10-line Latin No. 4. List C.

**M**

12-line Latin No. 5. List C.

**M**

20-line Clarendon Elongated. List B.

**M**

8-line Latin No. 2. List C.

**M**

14-line Latin No. 3. List C.

**M**

4-line Antique Expanded No. 1. List B.

**M**

5-line Antique Expanded No. 2. List B.

**M**

10-line Clarendon Condensed. List B.

**M**

10-line Latin No. 1. List C.

**M**

12-line Runic Extended No. 2. List C.

**M**

16-line French Antique No. 2. List B.

**Mn**

8-line Old Style Roman. List C.

20-line French Antiqu No. 1. List B.

16-line Old le Condensed. List C.

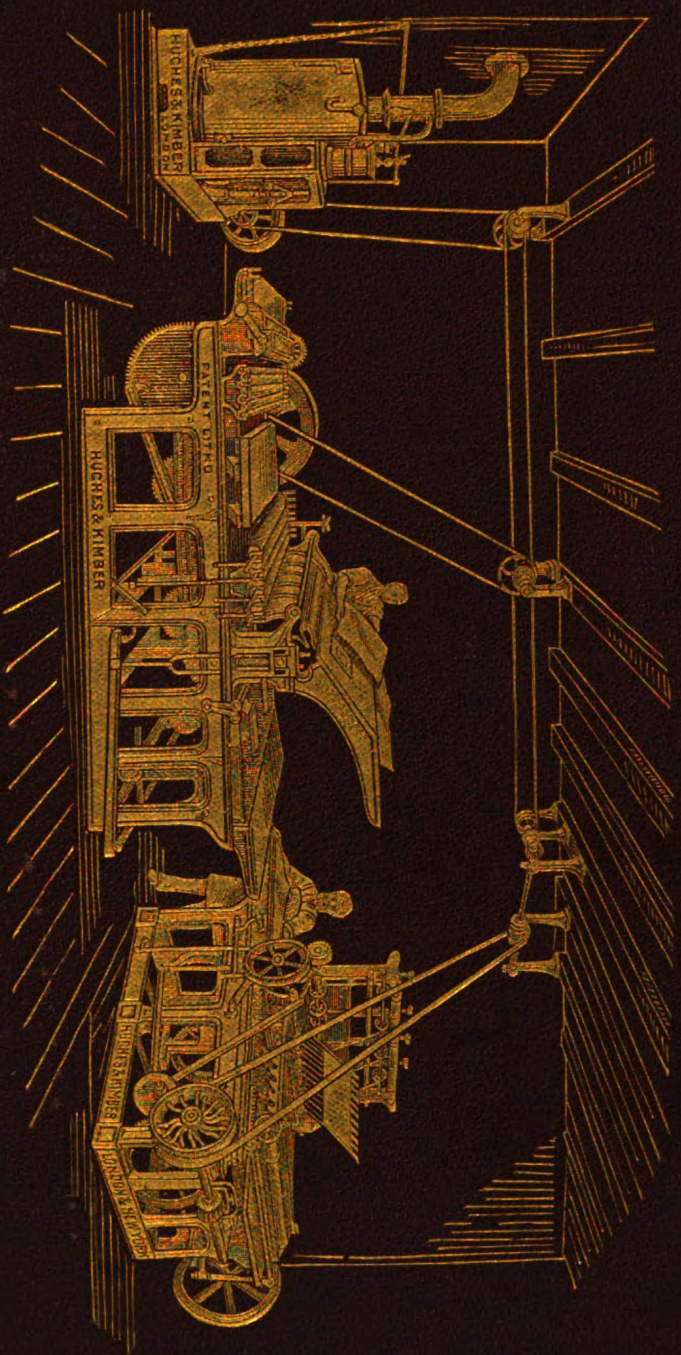
TO ORDER TO AN SIZE REQUIRED.











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